PROJECT:	SMRV	**HOLE NO:**	**WD010**	DRILL TYPE:	Diamond
PROSPECT:	V19	DATE COMMENCED:	24/03/2005	DRILLER:	TasGold Ltd
EL:	EL20/1996	DATE COMPLETED:	25/03/2005	LOGGED BY:	John McD/Nate Allen
EASTING	379454.87	TOTAL DEPTH (M):	29.7	DATE:	25/03/2005
NORTHING	5251431.06	AZIMUTH:	90	OXIDATION BOCO:	0.9
COLLAR RL:	161.721	DIP:	-44.5	BOPO:	16?

Drill Rods (m)

	From	To
Casing		
HQ	0	4.5
NQ	4.5	29
BQ		

Comments: Test Lens B

Hole Number		WD010		Sheet No	1			Mineralisation / Alteration and additional descriptors																																	Other general comments:
INTERVAL				ROCK CODES					Pyrite		Sphal		Galena		Silica		Sericite		Chlorite		(Ca)CO3		Qtz vein		Other minerals / texture / colour																
FROM (m)	TO (m)	Type (M/S/P)	Strat Code	Rock type	Primary Rock	Secondary Rock	Composition	Weathering	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Mineral 1	Style 1	Amount	Mineral 2	Style 2	Amount	Broken (WMS)	Foliation (WMS)	Colour	Full Description: The zonation away from the last intersection is MSSX then ser-py then C03-py										
0	13	M	Cveb	VSst				m			clast	tr	clast	tr			p	m													M			sericitic sandstone with fine matrix, first appearance of M.S. clast at 10m (1x4cm, 80%gal, 20%sph), black mineral on fracture at 10.7m										
13	16.2	M	Cveb	VMPLSst				m	clast	1	clast	1	clast	1			p	w													M			massive sulphide bearing lapilli lithic polymict debris flow with VSst matrix, slabby angular MSSX clasts, common Si altered volc clasts, rounded>angular CO3 clasts, one jasper clast										
16.2	16.9	M	Cveb	VSst				m	vn	2																					M			sericitic fine sandstone with fine pyrite flattened in foliation (w)										
0	29.7	M	Cveb	VPLLSst	Ser			s	ds	tr			ds	tr			p	s													S		A	felsic lithic clasts, white to steel grey										
16	17	M	Cveb	QV	Sil				D	0.05					P	W															M			Zone of silica replacement ** check to see if it was a limestone originally										
22.6	22.8	M	Cveb	SMSX	Ch				d	10	d	5	d	10					p			sp	5								M			Sulfide mineralization, laminations and spots and clots (replacement?)										
22.8	23.8	M	Cveb	SMSX	Ch				d	10	d	10	d	10					p	m							chal	d	tr				M			Sulfide mineralization, clearly epigenetic mineralization of polymict unit, can see base metals in clasts and matrix										
23.8	24.1	M	Cv	Lmst					d, vnlt	0.5																					W		C	White-cream fol(w) limestone with py-gn stringers to 2%, occasional pink spotting (w) (possibly Mn)										
24.1	24.8	M	Cveb	MSSX					bnd	30	p	30	bnd	20																	W			banded massive sulphide, possibly replacing thin bedded sediments										
24.8	29.7	M	Cveb	VPLLSst	Ser					0.5							fol	m													M			Ser(m) fol(m) **Lapilli lithic vilcaniclastic sandstone/Volcanic breccia** (**to be checked) including Si altered fine sediments down hole from the MSSX, possibly an impure limestone/dolomite										

Drill Hole Down Hole Surveys			
BHID	**Depth**	**Azm**	**Dip**
WD010	0	90	-45

TasGold Ltd			Drill Core Recovery & RQD Log				
DrillHole	From	To	Interval	Measured	Recovery%	Lengths>10	RQD %
WD010	0	5.5	5.50	0.50	9.09	0.15	2.73
WD010	5.5	7	1.50	0.40	26.67	0.11	7.33
WD010	7	8.9	1.90	0.80	42.11	0.00	0.00
WD010	8.9	10.4	1.50	1.22	81.33	0.52	34.67
WD010	10.4	14.9	4.50	4.25	94.44	2.52	56.00
WD010	14.9	15.4	0.50	0.55	110.00	0.11	22.00
WD010	15.4	16.2	0.80	0.70	87.50	0.11	13.75
WD010	16.2	16.9	0.70	0.80	114.29	0.55	78.57
WD010	16.9	18.7	1.80	1.30	72.22	0.65	36.11
WD010	18.7	20.9	2.20	2.04	92.73	0.49	22.27
WD010	20.9	21.2	0.30	0.30	100.00	0.00	0.00
WD010	21.2	21.6	0.40	0.40	100.00	0.11	27.50
WD010	21.6	22.6	1.00	0.50	50.00	0.00	0.00
WD010	22.6	22.8	0.20	0.27	135.00	0.00	0.00
WD010	22.8	23.9	1.10	0.60	54.55	0.00	0.00
WD010	23.9	24	0.10	0.06	60.00	0.00	0.00
WD010	24	26.8	2.80	2.20	78.57	0.32	11.43
WD010	26.8	27.7	0.90	0.70	77.78	0.11	12.22
WD010	27.7	29.2	1.50	0.70	46.67	0.33	22.00
WD010	29.2	29.7	0.50	0.70	140.00	0.11	22.00

TasGold Ltd					Drill Assay Data								
Projects	Prospect	Hole_ID	Spl_Id	From	To	Au_ppm	AuR_ppm	Ag_ppm	As_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Lab Batch
SMRV	V19	WD010	200240	21.6	22.6	-0.01		-5	-250	130	450	1000	WM085254
SMRV	V19	WD010	200241	22.6	23.6	0.35		166	400	2400	27500	60400	WM085254
SMRV	V19	WD010	200242	23.6	24.5	0.16		77	500	340	17400	39600	WM085254
SMRV	V19	WD010	200243	24.5	25	0.95		306	500	440	159000	279000	WM085254
SMRV	V19	WD010	200244	25	26	0.03		28	-250	260	1050	3530	WM085254

PROJECT:	SMRV	**HOLE NO:**	**WD 011**	DRILL TYPE:	Diamond
PROSPECT:	V 19	DATE COMMENCED:	25/03/2005	DRILLER:	TasGold Ltd
EL:	Elliott Bay	DATE COMPLETED:	27/03/2005	LOGGED BY:	Nate Allen
EASTING	379455	TOTAL DEPTH (M):	50.7	DATE:	27/03/2005
NORTHING	5251430	AZIMUTH:	90	OXIDATION BOCO:	12
COLLAR RL:	161.5	DIP:	-57.5	BOPO:	

Drill Rods (m)

	From	To
Casing	0	4.5
HQ		
NQ	0	50.5
BQ		

Comments: Test Lens B

Hole Number		WD011	Sheet No				Mineralisation / Alteration and additional descriptors																													Other general comments:
INTERVAL		ROCK CODES						Pyrite			Sphal		Galena		Silica		Sericite		Chlorite		(Ca)CO3		Qtz vein		Other minerals / texture / colour										
FROM (m)	TO (m)	Strat Code	Rock type	Primary Rock	Secondary Rock	Composition	Weathering	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Mineral 1	Style 1	Amount	Mineral 2	Style 2	Amount	Broken (WMS)	Colour	Full Description		
0	28.5	Cveb	VMPLSst					d	tr			d	tr			p	m							Fuch	d	tr							minor mineralization in disseminations approaching the SMS interval @ 16 m		
incl.16	18.6	Cveb	SMS					d	10	d	5	d	5																				SMS, clearly epigenetic and not clastic- to 5% gal, 5% sph, 10% py, locally in laminations and disseminations		
incl.24.5	25.2	Cveb	SMS					d	5	d	5	d	5																				SMS, clearly epigenetic and not clastic- to 20% gal, 10% sph, 5% py, trace chalcopyrite locally in laminations and disseminations		
28.5	46.8	Cveb	VFQSst													p	m							Cpy	d	tr							Feldspar m/s v.c.s.s.,		
46.8	50.7	Cveb	VLSst																																
incl19.5	28.5		Broken Ground																												S		Shear Zone?		
EOH																																			

Drill Hole Down Hole Surveys			
BHID	**Depth**	**Azm**	**Dip**
WD011	0	90	-57.5

TasGold Ltd Drill Core Recovery & RQD Log

DrillHole	From	To	Interval	Measured	Recovery%	Lengths>10	RQD %
WD011	0	6.2	6.2	0.45	7.3	0.12	1.9
WD011	6.2	9.2	3.0	1.75	58.3	0.39	13.0
WD011	9.2	12.2	3.0	1.20	40.0	0.32	10.7
WD011	12.2	13.7	1.5	1.35	90.0	0.91	60.7
WD011	13.7	14.7	1.0	1.15	115.0	0.76	76.0
WD011	14.7	16.2	1.5	1.95	130.0	1.40	93.3
WD011	16.2	17.7	1.5	1.50	100.0	0.95	63.3
WD011	17.7	20.7	3.0	2.50	83.3	1.35	45.0
WD011	20.7	22.2	1.5	0.60	40.0	0.00	0.0
WD011	22.2	23.7	1.5	0.95	63.3	0.00	0.0
WD011	23.7	24.9	1.2	1.30	108.3	0.66	55.0
WD011	24.9	25.7	0.8	0.75	93.7	0.33	41.3
WD011	25.7	26.7	1.0	0.60	60.0	0.00	0.0
WD011	26.7	28.5	1.8	0.75	41.7	0.00	0.0
WD011	28.5	29.3	0.8	0.65	81.2	0.33	41.3
WD011	29.3	32.4	3.1	3.00	96.8	2.88	92.9
WD011	32.4	35.5	3.1	2.75	88.7	1.69	54.5
WD011	35.5	38.6	3.1	3.00	96.8	2.70	87.1
WD011	38.6	41.7	3.1	3.00	96.8	2.60	83.9
WD011	41.7	44.7	3.0	3.00	100.0	2.82	94.0
WD011	44.7	47.7	3.0	2.98	99.3	2.89	96.3
WD011	47.7	49.6	1.9	2.10	110.5	1.90	100.0
WD011	49.6	50.7	1.1	0.88	80.0	0.82	74.5

TasGold Ltd					Drill Assay Data								
Projects	Prospect	Hole_ID	Spl_Id	From	To	Au_ppm	AuR_ppm	Ag_ppm	As_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Lab Batch
SMRV	V19	WD011	200245	15	16	0.02		7	-250	200	2700	4140	WM085254
SMRV	V19	WD011	200246	16	17	0.05		6	300	160	2500	4750	WM085254
SMRV	V19	WD011	200247	17	18	0.09		28	400	1600	14200	27500	WM085254
SMRV	V19	WD011	200248	18	19	0.02		-5	-250	90	890	2950	WM085254
SMRV	V19	WD011	200249	19	20	-0.01		-5	-250	70	140	280	WM085254
SMRV	V19	WD011	200250	23	24	0.02		10	-250	120	1960	3670	WM085254
SMRV	V19	WD011	200251	24	24.5	0.03		7	-250	90	1990	3570	WM085254
SMRV	V19	WD011	200252	24.5	25	0.31		158	300	1810	38700	62100	WM085254
SMRV	V19	WD011	200253	25	26	0.01		7	-250	70	240	530	WM085254
SMRV	V19	WD011	200254	26	27	0.01		7	-250	60	400	1180	WM085254
SMRV	V19	WD011	200255	27	28	-0.01		-5	-250	40	170	710	WM085254
SMRV	V19	WD011	200256	28	29	-0.01		-5	-250	50	220	260	WM085254

PROJECT:	Elliott Bay	**HOLE NO:**	**WD 012**	DRILL TYPE:	Diamond
PROSPECT:	V 19	DATE COMMENCED:	27/03/2005	DRILLER:	TasGold Ltd
EL:	EL20/1996	DATE COMPLETED:	10/04/2005	LOGGED BY:	Nate Allen/John McD
EASTING	379306.56	TOTAL DEPTH (M):	241.4	DATE:	27/03/2005
NORTHING	5251454.68	AZIMUTH:	94	OXIDATION BOCO:	5
COLLAR RL:	157.56	DIP:	63.5	BOPO:	20

Drill Rods (m)	From	To	Comments
Casing	0	3	
HQ	0	3	
NQ	3	241	
BQ			

Hole Number		WD012	Sheet No	1			Mineralisation / Alteration and additional descriptors																												Other general comments:
INTERVAL		ROCK CODES						Pyrite		Sphal		Galena		Silica		Sericite		Chlorite		(Ca)CO3		Qtz vein		Other minerals / texture / colour											
FROM (m)	TO (m)	Strat Code	Rock type	Primary Rock	Secondary Rock	Composition	Weathering	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Mineral 1	Style 1	Amount	Mineral 2	Style 2	Amount	Broken (WMS)	Colour	Full Description					
0	83	Cfl	LQFBD													P	w																		
83	?		DISS					D	10																									Abundant disseminated pyrite					
83	94	Cv	VPSst																															q, f, vcss with pumice					
94	100	Ccb	LB																															Fine grained dark green basalt. Pepperitic contact with wet seds.					
94.7	97.7	Ccb	LB																															Phenomenal brecciated basalt; pepperitic					
97.7	139.25	Cv	VPSst													P	w	P	w																		
139.25	164.9	Cveb																																			
152.3	157.4	SiSx	DISS					D	2	D	2	D	2					P	m					Chal	D	0.1											
160.2	160.7		LMST																															Pink Carbonate					
163.7	164.7	Ccb	LB																															Brecciated white/grey CO3 with epi matrix? / basalt					
164.9	171.6	Cve	VSst																																		
171.6	193.2	Cv	VLLSst													P	m-s																	Sericitic lithic pumice breccia, pumice is up to 5 cm, contains f(1-3 mm) q(1-3 mm) in army green sericitic gnd-mass. lithics are generally white, rounded to sub angular and sparsely qtz porphyritic, avg size 2-3 cm					Gr
{181.2}	{181.7}	Cveb	VB					D	3	D	3	D	3	patchy	m					patchy	m													Disseminated sphalerite (4%) and galena (3%) host in silicified and patchy carbonate altered volcanic breccia.					
192	193.2	Cveb	VSst											P	s	P	s			Vn	w													Strongly silica and sericite altered volcaniclastic sandstone with late quartz-carbonate veins					
193.2	193.35	Cveb	VSst											P	m	P	s							Chal	D	0.1								Strongly sericite altered and moderately silicified volcaniclastic sandstone with occasional bands of SiSX with py as the major sulphide component, trace cpy					
193.35	193.42	MSSX	MSSX	SX	Sil			bnd	30	bnd	25	bnd	15	Vn/P	s																			7cm of Sil(s) veined and banded-moderately foliated massive sulphide 30-25-15% py-sphal-gal and trace chalcopyrite, vein silica also appears as brecciated "clasts" within the MSSX					
193.42	193.7	SMSX	SMSX	Ser	Sil					bnd	4	bnd	2	P	w-m	P	s							Chal	bnd	1								Strong sericite and weak to moderate silica alteration including semi-massive sulphide, bearing 4% sphalerite, 2% galena and 1% chalcopyrite.					
193.7	194.05	MEX	Chert	Sil	Ser			bnd	3	bnd	1.5	bnd	1.5	P	m	sP	m																	Brecciated chert with moderate sericite alteration and weak disseminated sulphide containing ~3% combined sphalerite and galena.					
194.05	194.55	MSSX	MSSX	SX	Sil			bnd	3	bnd	35	bnd	25	Vn/P	m-s									Chal	bnd	2								Massive sulphide (35% sphalerite, 25% galena, 1% chalcopyrite) replacing a fol(w) lithic sandstone containing a CVC like clast that is apparently unaltered, two 4cm zones of brecciated chert cross cut by milky silica veins that are earlier than mineralisation.					
194.55	194.7	Cve	VSst	Sil				D	2	D	0.2			P	s																			Strongly silicified fine-medium grained sandstone, trace sphalerite on the edges of this interval and disseminated pyrite (2%)					
194.7	194.9	MSSX	MSSX	SX	Sil			bnd	2.5	bnd	30	bnd	17.5	P	s									Chal	bnd	3								Banded massive sulphide replacing strongly silicified lithic? volcaniclastic sandstone, cherty clasts					
194.9	195.4	Cve	VSst	Sil	Cb									Vn	w					Vn	w													Med-coarse grained pebbly volcaniclastic sandstone with late siderite? veins and late milky silica veins, 'rip up' chert clasts, best interval is 5cm of 10%sphal, 5%galena, 3%py in the centre of a vein					
195.4	197	Cveb	VLLSst	Ser												P	m																	Ser(m) strongly foliated lapilli lithic volcaniclastic sandstone with dissem py and occasional Si-py clasts to 1cm, epiclastic or well sorted matrix					
197	202.9	Cv	UR	Ser																														Undifferentiated felsic volcanics					
202.9	207.4	Cve	VSst/VC	Sil				Vn	5	Vn	0.1																							Sil(s) pervasive volcaniclastic sandstone with possible volcaniclastic conglomerate interbeds, fine silica-sphalerite veins and pyritic vein 'swarms' to 5% (7-8% locally), silica is most intense between 206.55-206.7					
207.4	213.85	Cve	VSst	Sil	Ser							Sp	0.1																					Sil(s) semi-pervasive and weakly veined, ser(m) and qtz grains to 6mm (w-m) volcaniclastic sandstone					
213.85	215.3	Cve	VSst	Sil	Ser									P	m-s		w	P	w					biot		w-m								Sil(m-s) biotite(w-m) spotty, ser(w)? Chl (w) pervasive volcaniclastic sandstone					
215.3	215.65	Cve	VSst	Sil	Ser									Vn/P	m-s																			Sil(s) selvedges and veined, ser(w-m) volcaniclastic sandstone					
215.65	217.2	Cve	VSst	Sil	Chl									Vn	s					Vn	w													Sil(s) veined (1-3mm), chl (w) patchy volcaniclastic sandstone, quartz grains embayed into strongly silicified matrix, increasing patchy chl down hole in this interval					W
217.2	218.7	Cve	VSst	Ser	Sil									sP	w	P	m																	Ser(m) sil(w) semi pervasive volcaniclastic sandstone					
218.7	219.4	Cve	VLLSst	Sil																														Sil (m) semi pervasive, ser(m) lapilli lithic?? Volcaniclastic sandstone, clasts are possible silica altered porphyry					
219.4	241.4	Cv	UR	Ser																														Undifferentiated felsic volcanics					

Drill Hole Down Hole Surveys			
BHID	**Depth**	**Azm**	**Dip**
WD 012	32.8	98.5	62.5
WD 012	60	100	62
WD 012	90.4	98.5	61.5
WD 012	120	96	61
WD 012	150.4	93	59
WD 012	180	87	58
WD 012	240.4	86.5	54.5

Hole_ID	At	re angle (L	tructure_typ	Comments	Azimuth	Dip
WD 012	12	25	Fol			
WD 012	21.2	45	Fol			
WD 012	32.6	32	Fol	could be CO3 fracture filled veinlet		
WD 012	39.85	50	Vn	Qtz CO3		
WD 012	48.7	50	Vn	Qtz CO3 Chl		
WD 012	60.4	40	Fol			
WD 012	60.4	20	Fol			
WD 012	75.2	23	Vn	quartz - galena vein		
WD 012	78.35	70	Vn	Qtz CO3		

TasGold Ltd			Drill Core Recovery & RQD Log				
DrillHole	From	To	Interval	Measured	Recovery%	Lengths>10cm	RQD %
WD012	3	8	5.0	4.96	99.20	2.77	55.40
WD012	8	12	4.0	2.88	72.00	1.92	48.00
WD012	12	12.9	0.9	0.79	87.78	0.50	55.56
WD012	12.9	14.4	1.5	1.36	90.67	0.23	15.33
WD012	14.4	15.4	1.0	0.97	97.00	0.14	14.00
WD012	15.4	18.4	3.0	2.09	69.67	1.73	57.67
WD012	18.4	21.4	3.0	2.50	83.33	0.63	21.00
WD012	21.4	24.2	2.8	2.96	105.71	1.12	40.00
WD012	24.2	25.7	1.5	1.44	96.00	0.80	53.33
WD012	25.7	27.2	1.5	0.78	52.00	0.00	0.00
WD012	27.2	30.2	3.0	2.60	86.67	1.58	52.67
WD012	30.2	33.2	3.0	2.75	91.67	1.21	40.33
WD012	33.2	34.7	1.5	1.48	98.67	0.70	46.67
WD012	34.7	35.2	0.5	1.33	266.00	0.00	0.00
WD012	35.2	35.9	0.7	1.14	162.86	0.62	88.57
WD012	35.9	36.4	0.5	1.48	296.00	0.75	150.00
WD012	36.4	38.9	2.5	2.47	98.80	1.71	68.40
WD012	38.9	40.8	1.9	1.71	90.00	1.55	81.58
WD012	40.8	42.4	1.6	1.72	107.50	0.65	40.63
WD012	42.4	45	2.6	2.10	80.77	1.00	38.46
WD012	45	45.4	0.4	0.50	125.00	0.16	40.00
WD012	45.4	47.4	2.0	1.88	94.00	1.20	60.00
WD012	47.4	48.4	1.0	1.00	100.00	0.77	77.00
WD012	48.4	51.4	3.0	2.83	94.33	1.70	56.67
WD012	51.4	52.9	1.5	1.40	93.33	0.80	53.33
WD012	52.9	53.4	0.5	1.47	294.00	0.78	156.00
WD012	53.4	55	1.6	0.82	51.25	0.25	15.63
WD012	55	55.7	0.7	0.46	65.71	0.18	25.71
WD012	55.7	57.4	1.7	1.73	101.76	1.23	72.35
WD012	57.4	58.9	1.5	1.38	92.00	1.04	69.33
WD012	58.9	60.4	1.5	1.37	91.33	1.23	82.00
WD012	60.4	63.4	3.0	2.92	97.33	2.60	86.67
WD012	63.4	66.4	3.0	2.50	83.33	2.50	83.33
WD012	66.4	67.9	1.5	1.72	114.67	0.96	64.00
WD012	67.9	69.4	1.5	1.41	94.00	1.23	82.00
WD012	69.4	72.4	3.0	2.96	98.67	2.68	89.33
WD012	72.4	75.4	3.0	2.48	82.67	2.27	75.67
WD012	75.4	76.9	1.5	1.31	87.33	1.14	76.00
WD012	76.9	78.4	1.5	1.65	110.00	1.35	90.00
WD012	78.4	81.4	3.0	2.92	97.33	1.98	66.00
WD012	81.4	84.4	3.0	2.76	92.00	1.54	51.33
WD012	84.4	87.4	3.0	2.95	98.33	1.66	55.33
WD012	87.4	90.4	3.0	2.82	94.00	2.45	81.67
WD012	90.4	93.4	3.0	2.50	83.33	1.01	33.67
WD012	93.4	96.4	3.0	2.85	95.00	1.40	46.67
WD012	96.4	99.4	3.0	2.66	88.67	1.56	52.00
WD012	99.4	102.4	3.0	1.01	33.67	0.27	9.00
WD012	102.4	103.7	1.3	1.36	104.62	0.11	8.46
WD012	103.7	106.4	2.7	0.93	34.44	0.45	16.67
WD012	106.4	107.6	1.2	1.75	145.83	0.22	18.33
WD012	107.6	108.4	0.8	1.72	215.00	0.22	27.50
WD012	108.4	111.4	3.0	2.64	88.00	1.33	44.33
WD012	111.4	112.9	1.5	1.58	105.33	0.65	43.33
WD012	112.9	114.4	1.5	2.83	188.67	2.45	163.33

WD012	114.4	117.4	3.0	2.98	99.33	2.73	91.00
WD012	117.4	120.4	3.0	2.06	68.67	1.75	58.33
WD012	120.4	122.6	2.2	0.77	35.00	0.58	26.36
WD012	122.6	123.4	0.8	3.00	375.00	2.35	293.75
WD012	123.4	126.4	3.0	2.74	91.33	2.56	85.33
WD012	126.4	129.4	3.0	2.73	91.00	2.11	70.33
WD012	129.4	132.4	3.0	2.84	94.67	2.15	71.67
WD012	132.4	135.4	3.0	2.85	95.00	2.18	72.67
WD012	135.4	138.4	3.0	2.87	95.67	2.81	93.67
WD012	138.4	141.4	3.0	2.89	96.33	2.73	91.00
WD012	141.4	144.4	3.0	2.92	97.33	2.61	87.00
WD012	144.4	147.4	3.0	2.94	98.00	2.79	93.00
WD012	147.4	150.4	3.0	2.91	97.00	2.53	84.33
WD012	150.4	153.4	3.0	2.86	95.33	2.45	81.67
WD012	153.4	156.4	3.0	2.84	94.67	2.61	87.00
WD012	156.4	159.4	3.0	4.02	134.00	3.64	121.33
WD012	159.4	160.1	0.7	1.61	230.00	1.47	210.00
WD012	160.1	163.1	3.0	2.81	93.67	2.23	74.33
WD012	163.1	165.2	2.1	2.96	140.95	2.42	115.24
WD012	165.2	168.3	3.1	1.63	52.58	1.59	51.29
WD012	168.3	171.4	3.1	1.52	49.03	1.52	100.00
WD012	171.4	174.4	3.0	2.90	96.67	2.29	78.97
WD012	174.4	177.4	3.0	2.95	98.33	2.10	71.19
WD012	177.4	180.4	3.0	2.90	96.67	2.64	91.03
WD012	180.4	181.7	1.3	1.31	100.77	0.91	69.47
WD012	181.7	182	0.3	0.27	90.00	0.16	59.26
WD012	182	183.4	1.4	1.42	101.43	1.25	88.03
WD012	183.4	186.4	3.0	2.87	95.67	1.82	63.41
WD012	186.4	189.4	3.0	2.95	98.33	2.35	79.66
WD012	189.4	192.4	3.0	2.84	94.67	2.11	74.30
WD012	192.4	193	0.6	1.75	291.67	1.28	73.14
WD012	193	195.4	2.4	2.10	87.50	1.70	80.95
WD012	195.4	197.6	2.2	2.03	92.27	1.35	66.50
WD012	197.6	198.4	0.8	0.88	110.00	0.11	12.50
WD012	198.4	201.4	3.0	2.92	97.33	2.45	83.90
WD012	201.4	202.9	1.5	1.43	95.33	0.53	37.06
WD012	202.9	204.4	1.5	1.48	98.67	1.27	85.81
WD012	204.4	207.4	3.0	2.83	94.33	2.80	98.94
WD012	207.4	210.4	3.0	2.92	97.33	2.90	99.32
WD012	210.4	213.4	3.0	2.96	98.67	2.87	96.96
WD012	213.4	216.4	3.0	2.86	95.33	2.43	84.97
WD012	216.4	219.4	3.0	2.94	98.00	2.78	94.56
WD012	219.4	222.4	3.0	2.97	99.00	2.48	83.50
WD012	222.4	225.3	2.9	2.86	98.62	2.50	87.41
WD012	225.3	228.4	3.1	2.91	93.87	2.40	82.47
WD012	228.4	231.4	3.0	2.74	91.33	2.52	91.97
WD012	231.4	234.3	2.9	3.01	103.79	2.72	90.37
WD012	234.3	237.3	3.0	2.97	99.00	2.95	99.33
WD012	237.3	240.4	3.1	2.99	96.45	2.88	96.32
WD012	240.4	241.4	1.0	0.99	99.00	0.84	84.85
This top of this hole was drilled by Nick and Mick, during 5 of those shifts most blocks were incorrectly measured and consequently the hole is probably deeper than is recorded, recoveries are overstated.							

TasGold Ltd					Drill Assay Data								
Projects	Prospect	Hole_ID	Spl_Id	From	To	Au_ppm	AuR_ppm	Ag_ppm	As_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Lab Batch
SMRV	V19	WD012	200257	82	83	-0.01		-5	-250	20	140	130	WM085865
SMRV	V19	WD012	200258	83	84	-0.01		-5	300	30	1300	1730	WM085865
SMRV	V19	WD012	200259	84	85	-0.01		-5	-250	40	1160	630	WM085865
SMRV	V19	WD012	200260	85	86	-0.01		-5	-250	50	680	440	WM085865
SMRV	V19	WD012	200261	86	87	-0.01		-5	-250	20	120	280	WM085865
SMRV	V19	WD012	200262	87	88	-0.01		-5	-250	30	280	230	WM085865
SMRV	V19	WD012	200263	88	89	-0.01		-5	-250	30	360	210	WM085865
SMRV	V19	WD012	200264	89	90	-0.01		-5	-250	110	430	130	WM085865
SMRV	V19	WD012	200265	90	91	-0.01		-5	-250	30	480	100	WM085865
SMRV	V19	WD012	200266	91	92	-0.01		-5	-250	30	200	100	WM085865
SMRV	V19	WD012	200267	92	93	-0.01		-5	400	20	140	140	WM085865
SMRV	V19	WD012	200268	93	94	-0.01		-5	-250	10	50	150	WM085865
SMRV	V19	WD012	200269	94	95	-0.01		-5	-250	40	-20	280	WM085865
SMRV	V19	WD012	200270	133	134	-0.01		-5	-250	-10	-20	40	WM085865
SMRV	V19	WD012	200271	134	135	-0.01		-5	-250	-10	-20	30	WM085865
SMRV	V19	WD012	200272	138.1	139.1	-0.01		-5	-250	120	450	930	WM085865
SMRV	V19	WD012	200273	139.1	140.1	-0.01		-5	-250	70	700	1930	WM085865
SMRV	V19	WD012	200274	148	149	-0.01		-5	-250	20	270	390	WM085865
SMRV	V19	WD012	200275	149	150	-0.01		-5	-250	10	240	340	WM085865
SMRV	V19	WD012	200276	150	151	-0.01		-5	-250	10	30	160	WM085865
SMRV	V19	WD012	200277	151	152	-0.01		-5	-250	20	-20	140	WM085865
SMRV	V19	WD012	200278	152	153	-0.01		-5	400	20	890	1650	WM085865
SMRV	V19	WD012	200279	153	154	-0.01		-5	-250	30	2150	2920	WM085865
SMRV	V19	WD012	200280	154	155	-0.01	-0.01	-5	-250	80	600	980	WM085865
SMRV	V19	WD012	200281	155	156	-0.01		-5	-250	90	1660	4640	WM085865
SMRV	V19	WD012	200282	156	157	0.04		11	-250	340	9200	18800	WM085865
SMRV	V19	WD012	200283	157	158	-0.01		-5	-250	20	1990	4570	WM085865
SMRV	V19	WD012	200284	158	159	-0.01		-5	-250	80	240	550	WM085865
SMRV	V19	WD012	200285	159	160	-0.01		-5	-250	40	230	400	WM085865
SMRV	V19	WD012	200288	160	161	-0.01		-5	-250	70	140	460	WM085865
SMRV	V19	WD012	200289	161	162	-0.01		-5	-250	100	200	370	WM085865
SMRV	V19	WD012	200290	162	163	-0.01		-5	-250	60	380	600	WM085865
SMRV	V19	WD012	200291	163	164	-0.01		-5	-250	120	290	470	WM085865
SMRV	V19	WD012	200292	164	165	-0.01		-5	-250	40	200	390	WM085865

SMRV	V19	WD012	200293	165	166	-0.01		-5	-250	30	240	360	WM085865
SMRV	V19	WD012	200294	180	181	-0.01		-5	-250	30	350	400	WM085865
SMRV	V19	WD012	200295	181	182	0.05		7	-250	410	5570	17700	WM085865
SMRV	V19	WD012	200296	182	183	-0.01		-5	-250	60	490	1000	WM085865
SMRV	V19	WD012	200297	183	184	-0.01		-5	300	40	420	1660	WM085865
SMRV	V19	WD012	200298	184	185	-0.01		-5	-250	20	280	1150	WM085865
SMRV	V19	WD012	200299	185	186	0.01		6	-250	90	1140	2600	WM085865
SMRV	V19	WD012	200301	192	193	-0.01		-5		70	800	1160	WM086226
SMRV	V19	WD012	200302	193	194	0.57		19		980	18500	40700	WM086226
SMRV	V19	WD012	200303	194	195	1.36		75		3770	54300	106000	WM086226
SMRV	V19	WD012	200304	195	196	0.09		12		290	4770	7780	WM086226
SMRV	V19	WD012	200305	196	197	-0.01		-5		30	150	410	WM086226
SMRV	V19	WD012	499301	203	204	-0.01		-5	-250	20	30	50	WM085865
SMRV	V19	WD012	499302	204	205	-0.01		-5	-250	20	40	80	WM085865
SMRV	V19	WD012	499303	205	206	-0.01		-5	-250	20	-20	70	WM085865
SMRV	V19	WD012	499304	206	207	-0.01		-5	-250	10	50	650	WM085865
SMRV	V19	WD012	499305	211	212	-0.01							WM085865
SMRV	V19	WD012	499306	212	213	-0.01							WM085865
SMRV	V19	WD012	499307	213	214	-0.01							WM085865
SMRV	V19	WD012	499308	214	215	-0.01							WM085865
SMRV	V19	WD012	499309	215	216	-0.01							WM085865
SMRV	V19	WD012	499310	216	217	-0.01							WM085865
SMRV	V19	WD012	499311	217	218	-0.01							WM085865
SMRV	V19	WD012	499312	220	221	-0.01							WM085865
SMRV	V19	WD012	499313	221	222	-0.01							WM085865
SMRV	V19	WD012	499314	222	223	-0.01							WM085865
SMRV	V19	WD012	499315	223	224	-0.01	-0.01						WM085865
SMRV	V19	WD012	499316	224	225	-0.01							WM085865
SMRV	V19	WD012	499317	225	226	-0.01							WM085865
SMRV	V19	WD012	499318	226	227	-0.01							WM085865
SMRV	V19	WD012	499319	227	228	-0.01							WM085865
SMRV	V19	WD012	499320	228	229	-0.01							WM085865
SMRV	V19	WD012	499321	229	230	-0.01							WM085865
SMRV	V19	WD012	499322	230	231	-0.01							WM085865
SMRV	V19	WD012	499323	231	232	-0.01							WM085865
SMRV	V19	WD012	499324	232	233	-0.01							WM085865

PROJECT:	SMRV	**HOLE NO:**	**WD013**	DRILL TYPE:	Diamond
PROSPECT:	V19	DATE COMMENCED:	11/04/2005	DRILLER:	TasGold Ltd
EL:	EL20/1996	DATE COMPLETED:	25/04/2005	LOGGED BY:	John McD
EASTING	379291.92	TOTAL DEPTH (M):	252.5	DATE:	16/04/2005
NORTHING	5251400.47	AZIMUTH:	96	OXIDATION BOCO:	1.6
COLLAR RL:	158.279	DIP:	-69.5	BOPO:	15.5

Drill Rods (m)	From	To	Comments
Casing			
HQ	0	3	collar only
NQ	3	252.5	rest of hole
BQ			

Hole Number: WD013 | Sheet No: 1

Other general comments: Rig shift from WD012 took a full day - bad weather, much of the porphyry has ammorphous flattened grey phenos that may be altered biotites and feldspars.****Please note that when cleaning the top of this hole to put in a PVC collar a BQ rod was lost down the hole. This rod would need to be retrieved if downole EM or futher drilling was necessary****.

INTERVAL FROM (m)	INTERVAL TO (m)	Type (M/S/P)	ROCK CODES Strat Code	Rock type	Primary Alt-n	Secondary Alt-n	Composition	Weathering	Pyrite Style	Pyrite Amount %	Sphal Style	Sphal Amount %	Galena Style	Galena Amount %	Silica Style	Silica Amount (WMS)	Sericite Style	Sericite Amount (WMS)	Chlorite Style	Chlorite Amount (WMS)	(Ca)CO3 Style	(Ca)CO3 Amount (WMS)	Qtz vein Style	Qtz vein Amount (WMS)	Mineral 1	Style 1	Amount	Mineral 2	Style 2	Amount	Broken (WMS)	Foliation (WMS)	Colour	Full Description
0.00	1.60	M	Cfl	LQBFD	Cb	Chl		M-S	vnlt	0.5									Pheno	w	fol	w									W		1Gr	Qtz(7mm)(w) Cb replacing felds Felds(w) Porphyry, py veinlets painted to 2mm (0.5%), fol(m)
1.60	3.00	M	Cfl	LQBFD	Ser	Chl		W	vnlt	0.5							Pheno	w	Pheno, vnlt	w											M		1Gr	Qtz(6mm)(w) Felds(w) Porphyry, py veinlets painted to 1mm (0.5%), fol(w-m)
3.00	4.20	M	Cfl	LQBFD	Ser	Chl		W	vnlt	2							Pheno	w	Pheno, vnlt	w			Sv	w							W		1Gr	Qtz(w-m) Felds(w) yellow-green sericite replacing biotite?(w-m) porphyry, Si selvedged py veinlets to 5mm (w-m)
4.20	6.80	M	Cfl	LQBFD	Ser	Chl		M	vnlt	0.5							Pheno	w	Pheno, vnlt	w											M		1Gr	Qtz(w-m) Felds(w) yellow-green sericite replacing biotite?(w-m) porphyry, py veinlets to 2mm (w)
6.80	8.00	M	Cfl	LQBFD	Ser	Chl		M	D, vnlt	2					P	w	Pheno	w	Pheno	w											M		2A	semi pervasive Si (w) an Si-py in groundmass of qtz(w-m) yellow-green sericite replacing biotite?(w-m) felds(w) porphyry, py 4% locally
8.00	9.10	M	Cfl	LQBFD	Si	Ser		W	D, vnlt	3	Vn	tr	Vn	tr			Pheno	w	Pheno	w				w	qtz-cb	Vn	w				W-S		2A	pervasive Si(w) with Si-py(m) 6-7% locally in qtz(w-m) yellow-green sericite replacing biotite?(w-m) felds(w) porphyry, overall py is 3% and gal and sphal are trace in qtz-cb vn (w)
9.10	11.50	M	Cfl	LQBFD	Si	Ser		Tr	Vn	2							Pheno	w	Pheno	w											W-M		2A	pervasive to semi-pervasive Si(w-m) decreasing down hole in qtz phc to 5mm (w-m) yellow-green sericite replacing biotite?(w-m) felds replaced by Cb(w) porphyry, wispy py to 1% and dolomite/ankerite? Veinlets between 9.9 and 10.4, fol (m)
11.50	13.10	M	Cfl	LQBD	Si	Ser		W	Vn	tr	Vn	tr					Pheno	w	Pheno	w				s							M-S		2A-1Gr	Light grey to light green strongly quartz veined (grey-white) qtz-biotite (replaced by 'sulfur yellow' sericite?) porphyry, trace gal and sphal(dark) in qtz veins, fol(w-m) with some wrenching indicated by striae and en echelon tension gashes, a few high angle qtz honeycomb veins to 5mm (pyrite coated)
13.10	15.55	M	Cfl	LQBFD	Si	Cb			Vn	tr			Vn	tr	sP	w-m	Pheno	w	Pheno	w				w							M		2A-C	Light grey to cream Si perv(w-m) Si-py(w) cream Cb veinlets and spots(w) in qtz(w)-yellow flattened Ser replacing biotite(w)-cb replacing felds(w) phc porphyry, qtz vn(w) with 1% gal and sphal(tr) , fol(w-m) with some wrench striae and stretching mineral lineation with apparent sinstral offset
15.55	17.90	M	Cfl	LQBFD	Cb	Ser			D, vnlt	1.5							Pheno	w	Pheno	w	fol, Sp	w			clays	fol	w				W		C-3A	Blotchy cream to med grey qtz-felds phc porphyry with clay-siderite/ankerite swarms and veinlets, low angle pyrite veinlets in fol (m), darker grey is diss py to 1.5%
17.90	18.40	M	Cfl	LQBFD	Cb	Chl			D	tr									Pheno	w	fol, Sp	w									M-S		2A	Light grey qtz-felds-biotite phc porphyry, felds altered to yellowish cb spots, diss py (tr), fol(w-m), qtz veins (barren - w)
18.40	39.50	M	Cfl	LQBFD	Ser	Cb			vnlt	1							Pheno, fol	w	Pheno	w	Vn, Sp	w									VW		C-3A	Creamy groundmass cut by py veinlets (painted to 2mm) with dark grey silica alteration halo, light brown cb veins (w), ser in veinlets(vw) in qtz-felds-chl replacing biotite phc porphyry, fol(m), some carbonate pressure shadows on qtz xtals, yellowish phenos have chloritic cores (phenos to 5mm), cb alteration is Fe-Mg rich - may be ankerite
39.50	42.40	M	Cfl	LQBFD	Ser	Si			vnlt	0.2					P	w	Pheno, fol	w	Pheno	w	Vn	w									M		2A	Broken light grey uniformly Si(w) groundmass (pervasive and translucent), qtz(5%)-felds-chl+yellow replacement phc porphyry, ser-cb-py vn (w veinlets to 6mm), py 0.2% overall - decreasing down hole
42.40	45.70	M	Cfl	LQBFD	Si	Cb															vnlt, Sp	w											C-A	Cream-light grey matrix with grey streaks Qtz>felds>Chl phc porphyry, py veinlets 1%, grey haloes on veinlets, cb (w) spots and veinlets
45.70	51.50	M	Cfl	LQBFD	Si	Cb			D	tr					sP, P	w	fol	tr	fol	vw	P, Sp, Vn	w											3A-C	Dark Si(pervasive) to med grey Si(semi -pervasive) and greenish cream Cb(pervasive w)-Ser(vw) zones in Qtz>felds>biotite(replaced by chl then ser or cb), 49-51.5 broken ground
51.50	66.80	M	Cfl	LQBFD	Si	Cb																			qtz-cb	Vn	w						2A	qtz(10%)>felds(w)-chl(w) phc porphyry, qtz-cb veins (w)
66.80	69.10	M	Cb	LB	Chl	Cb																		w							W-M		2Gr	chl(w)-cb amygdales with 1mm chlorite rim, cb vn (w) basalt with a couple of porphyry xenoliths
69.10	74.10	M	Cfl	LQBFD	Si	Ser									P	w			fol	w													2A	light grey Si(w) pervasive-Ser(w) qtz(10%)>felds(w)-chl(w) phc porphyry, qtz-cb veins (w)
74.10	77.05	M	Cfl	LQBFD	Cb	Si									P	w					Vn	m											2A	light grey Si(w) pervasive-Ser(w) qtz(10%)>felds(w)-chl(w) phc porphyry, with cb wall rock bx veins (m)
77.05	80.45	M	Cfl	LQBFD	Si				D	tr					P	m			fol	w											W		2-3A	light-med grey Si(m) Ser (fol w) qtz(10%)>felds(w)-chl(w) phc porphyry, diss py tr, fol(w-m)
80.45	82.60	M	Cfl	LQBFD	Cb	Si			vnlt	1					P	w					Vn	m									S		2A-C	strongly broken qtz>felds(w)-chl(w) phc porphyry, cb vn(m), one qtz-cb vn with gal(tr), pyrite veinlets 1%
82.60	87.70	M	Cfl	LQBFD	Cb				D	1											Vn	m											2A-C	light grey-cream qtz>felds(w)-chl(w) phc porphyry, zones of cb wall rock bx veins and cb vn(m), diss py 1%
87.70	89.10	M	Cb	LB	Chl				D	2									vnlt	w-m													1A	light grey basalt with Chl(m) volcaniclastic sandstone xenoliths with 5% diss py, 2% diss py overall
89.10	90.35	M	Cve	VSst	Si	Chl			D	6					P	m			P	m													2A-Gr	Si(pervasive m) Chl(m) volcaniclastic sandstone with 6% diss py and low angle light grey basalt interfingers
90.35	92.20	M	Cb	LB	Cb	Chl			D	tr									vnlt	w	vnlt	w											2A	Light grey basalt dyke? with cb-chl veinlets(w)
92.20	95.70	M	Cb	LB	Chl	Cb													Sp, vnlt	m	vnlt	w											2A-3Gr	Med grey-green basalt with occasional volcaniclastic sandstone xenoliths chl(m), chl-cb vnlts and chl spots
95.70	96.40	M	Cve	VSst	Si	Cb			D	2																							A-C	Si(m) pervasive-Cb(w-m)-Ser(w) Volcaniclastic sandstone, Si-chl vn(w) to 2cm, diss py to 2%
96.40	98.50	M	Cb	LB	Chl	Cb													P	m	Sp, Vn	w											3Gr-3A	Med green-med grey basalt chl(m) and cb spot and vn(w)
98.50	99.10	M	Cve	VSst	Chl				D	1									D	w-m	vnlt	w											A	Light-med grey Si(w) Volcaniclastic sandstone with cb veinlets(w) and diss py 1%
99.10	101.20	M	Cb	LB	Cb	Chl			D	tr									D	w	Sp, Vn	w									M		W-Gr	broken, cb spotted and veined(w)-chl(w) basalt dyke, with low angle "interbeds" of semi pervasive Si(w) Volcaniclastic sandstone
101.20	101.40	M	Cve	VSst	Cb																Vn	s											A-C	Cb veins and wall rock bx of Volcaniclastic sandstone
101.40	103.10	M	Cve	VSst	Ser	Chl			Vn	3					Vn	tr	fol	w-m	D, fol	w-s					Si-py	w-m					S	S	A	Qtz xtal(w) Volcaniclastic Sst, Cb veins(w)-Si veins(tr)- Si-py vn(w-m)- Chl(w but strong in fol), apparent dextral offset on foliation (5 deg to LCA fractures)
103.10	104.40	M	Cve	VSst	Ser												D, fol	s													M		A	Ser(s) qtz xtal Volcaniclastic sandstone with occasional basalt interfingers
104.40	112.50	M	Cve	VSst	Si	Cb			D	2							fol	w-m	D	w	Sp, Vn	w										M-S	A-C	Light grey semi pervasive Si(m)-Ser(w to strong in fol)-cb vn(w)-chl spot flattened in fol volcaniclastic sandstone (epiclastic?), fol(m-s)
112.50	112.80	M	Cve	FALT	Si	Ser									Vn	w	Sv	w			Vn	w									M-S		A-C	Broken volcaniclastic sandstone with si-cb veins to 2cm
112.80	117.90	M	Cve	VSst	Si	Ser			D	0.5					sP	m		w			Vn	w										W-M	2A-C	Light grey-cream Qtz xtal(w) Si semi pervasive(m) Volcaniclastic Sst, diss py 0.5%, fol(w-m)
117.90	118.60	M	Cve	VSst	Chl	Si			Vn	1					sP	w			Sp	w	Vn	m									M-S	M-S	Gr-C	Chl spot(w) possibly pumecious quartz xtal Volc sandstone with 1% wispy pyrite and moderate carbonate veining
118.60	120.75	M	Cve	VSst	Si	Ser			D	0.5					P	m		w-m															C	Si(m) Ser(w-m) Qtz xtal (7%) sandstone, fol(w-m)
120.75	124.10	M	Cve	VSst	Chl	Ser			D, Vn	3							fol	w	Sp	w-m	Sp	w-m											Gr-C	Chl spot(w) possibly pumecious quartz xtal Volc sandstone with 3% wispy pyrite and w-m carbonate spotting, fol (m)
124.10	125.70	M	Cve	VSst	Chl	Ser			D, Vn	4							fol	w	Sp	w-m	Sp	w-m									M-S		Gr-C	Strongly broken Chl spot(w) possibly pumecious quartz xtal Volc sandstone with 3% wispy pyrite and w-m carbonate spotting, fol (m)
125.70	126.65	M	Cb	LB	Cb	Chl													D	w-m	Vn	w											Gr-A	Light green-grey basalt with weak carbonate veining
126.65	134.00	M	Cve	VSst	Si	Chl			Vn	1					sP, P	m-s			patchy	m	Sp	w										M	A-Gr	Si semi pervasive(m-s)-Chl patchy(w and m flattened in fol)-Cb creamy spotted (w) volcaniclastic sandstone
134.00	135.00	M	Cb	LB	Cb	Chl									Vn	w			Sp, P	m-s	Vn	s									M		A-C	Broken carbonate veined(s) and Si veined basalt
135.00	138.00	M	Cve	VSst	Chl	Cb													Sp	w-m	Sp	w-m											C-Gr	Spotty cream and green Volcaniclastic sandstone
138.00	140.70	M	Cb	LB	Chl	Cb			Vn	w-m									P, vnlt	m	Vn	w-m											3Gr-C	Spotty cream(cb) and green(chl) basalt, chl veinlets(w), si-cb vn (w)
140.70	142.75	M	Cve	VSst	Ser	Si			D	tr					P	w	fol	w	Sp	w-m	Sp	w-m										W	2A	Fine light grey volcaniclastic sandstone with spotty chl and cb (may be consistently lithic - pumice,lst clasts?), 2 probable lithics in start of unit, may indicate facing down hole, fol(w), 141.5-141.75 ser(w-m) and diss py 1%
142.75	144.55	M	Cve	VSst	Cb	Si									sP	w-m		w		s													Gr-C	cb(s) Volcaniclastic sandstone
144.55	144.85	M	Cb	LB	Chl	Cb			vnlt	tr					Vn	w					Vn	w											Gr	Chl(w) green basalt with grey chilled margins (1mm) and Si-cb-py veinlets
144.85	147.10	M	Cve	ESst	Si	Ser									P	m	fol	w															2A	Light grey Si(m)-Ser(w) in foliation(w-m) sandstone, epiclastic?
147.10	155.00	M	Cve	ESst	Si	Ser									P	m	fol	w-m	fol	tr	Sp	w												Fine light grey Si pervasive (m)-Ser(in fol)-Chl(tr in fol) qtz grains 5-10% variable to 3mm sandstone, fol(w), gal tr in qtz-cb vn, occasional carbonate spots
155.00	166.80	M	Cve	VSst	Si	Cb																												
166.80	168.00	M	Cb	LB	Chl																													
168.00	168.95	M	Cve	VSst	Si																													
168.95	169.50	M	Cb	LB	Cb																													
169.50	169.55	M	Cveb	VPLB	Cb	Chl																												
169.35	169.50	S		Sx	Chl	Sphal																												
169.55	169.70	M	Cb	LB	Si	Chl																												
169.70	194.50	M	Cveb	VLSst	Si	Ser																												
194.50	213.35	M	Cveb	VQQSst	Ser	Si																												
213.35	217.00	M	Cveb	VQQSst	Si	Ser																												
217.00	217.45	M	Cb	LB	Chl																													
217.45	218.25	M	Cveb	VLSst	Chl																													
218.25	218.30	M		Sx	Sphal																													
218.30	218.60	M	Cveb	VMPLSst																														
218.60	218.85	M	Cb	LB	Chl	Si																												
218.85	220.10	M	Cveb	VMPLSst																														
220.10	226.50	M	Cveb	VPLLSst	Ser	Si																												
226.50	226.65	M		SiSx	Si	Py																												
226.65	228.40	M	Cveb	VMPLSst	Si	Ser																												
228.40	229.10	M		FALT	QZVN				D	tr			D	tr							Vn	W	Vn	S							m			q-phc felsic volcanic, ser(m), foliated with Dev sil/q overprint(m/s)-gal(tr)-py(tr), cb(w)
229.10	231.00	M	Cv	VSst	Si																										m			q(w/m)-phc felsic volcanic, minor porphyry lithics?, sparse ch(w, vnd, 45LCA), ch(w) as flecks, ser(m), pervassive sil(s) zones but w/m overall; eg. @230.4m perv sil(s)-gal(0.5).
231.00	234.50	M	Cv	FALT	Ser				D	0.5					P	W	w/m		Flecks	tr											s			Faulted - brittle, q(w/m)-phc felsic volcanic, bearing porphyry-like zones (silicification?), minor fault disrupted and gouge zones(w) with ser(m), ch(w) & py(3%), some 30LCA bearing angular felsic volc/silicified clasts to 8mm in zones to 2cm wide; Overall ser(w/m), sil(w), py (0.5%), moderate to strongly broken
234.50	235.80	M	Cv	LQBFD	Ser																										w			q(w/m)-phc felsic volcanic, massive, homogeneous crm gndmass bearing variable sized euhedral and resorbed q pheno's to 3mm, possibly coherent? - porphyry, ser(w), weakly broken
235.80	237.70	M	Cv	VSst																														q(m)-phc xtal rich/phyric felsic volcanic, probable volcaniclastic sst
237.70	240.50	M	Cv	Vsst	Si				D	0.5					P	w/m																		q(m)-phc xtal rich/phyric felsic volcanic, zones of sil(s) / porphyry clasts?, py(0.5%), ch(vnd, w)
240.50	246.50	M	Cve	Vsst	Si				D	tr					P	w															w			q(m)-phc xtal volcaniclastic sst, sparsely lithic to 1.5cm - angular and porphyry?-lithics to 20cm, dss py(tr), semi-perv sil(w), broken(w/m), incl. minor interval epiclastic fg sandstone and virtic volcaniclastic-sil(s)
246.50	252.50	M	Cv	Vsst	Se										p	w	p	w	patches	tr														q(w/m) lithic? Volcaniclastic sandstone, minor fg/mg q-xtal volc sst interbeds to 30cm; local domainal sil(m), weakly chloritic patches - lithics?, sil(w) overall, ser(w)

Drill Hole Down Hole Surveys			
BHID	**Depth**	**Azm**	**Dip**
WD013	30.5	108	-67
WD013	60.5	110.5	-66
WD013	90.5	100.5	-64.5
WD013	120	80	-62
WD013	150.5	92.5	-56.5
WD013	180	75	-55
WD013	210.2	95	-57.5
WD013	222.5	69.5	-50.5
WD013	252	69	-48.5
Surveys exhibit variable direction - may be caused			
by strongly broken ground or magnetic basalts			

Hole ID	At	Core angle (LCA)	Structure type	Comments	Azimuth	Dip
WD013	2.5	19	Vn	pyrite veinlet		
WD013	2.5	31	Vn	pyrite veinlet		
WD013	2.5	40	Vn	pyrite veinlet		
WD013	8	32	fol	foliation in porphyry (m-s)		
WD013	11.6	80	Vn	qtz vn with 1% sphal and trace gal		
WD013	12.3	21	fol	foliation (w-m		
WD013	12.3	60	Vn	en echelon tension gashes		
WD013	14	45	stria	wrench striae/slickensides with apparent sinstral offset on foliation at 15 deg to LCA		
WD013	14	15	fol	main foliation with wrench movement		
WD013	17	20	fol	dark grey mineral flattened in foliation		
WD013	30.55			pyrite veinlet in foliation	165	80E
WD013	41	45	Vn			
WD013	42.1	15	frac			
WD013	42.1	25	frac			
WD013	43	45	Vn	py veinlets		
WD013	43	5	Vn	py veinlets		
WD013	43.2	25	fol			
WD013	47.1	15	Vn	cb vein		
WD013	47.7	15	fol	Si semi pervasive		
WD013	66.9	35	fol			
WD013	78	37	fol			
WD013	98.5	38		contact		
WD013	99.1	30		irregular contact		
WD013	102	7	frac			
WD013	126.65	45		intrusive? contact		
WD013	137	42	fol			
WD013	134.5	45				
WD013	144.55	45		intrusive contact		
WD013	144.85	35		intrusive contact? May be erosional S0?		
WD013	146.1	45	fol			
WD013	147.5	55	frac	030 to BDC		
WD013	147.9	15	frac	080 to BDC		
WD013	148.55	65	q-cb-vn	220 to BDC		
WD013	148.7	30	frac	080 to BDC		
WD013	149	30	Vn	qtz-cb vn		
WD013	149	60	Vn	qtz-cb vn		
WD013	235.8	40	frac	010 to BDC, weak chloritic slickensides @75 to BDC		
WD013	235.95	30	frac	000 to BDC, weak chloritic slickensides @45 to BDC / frac elipse long axis		
WD013	236.05	60	frac	260 to BDC, weak sericitic slickensides to300 to BDC		
WD013	237.7	10	frac	chloritic fracture 160 to BDC		
WD013	252.4	70	frac	LCA		

TasGold Ltd					Drill Assay Data								
Projects	Prospect	Hole_ID	Spl_Id	From	To	Au_ppm	AuR_ppm	Ag_ppm	As_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Lab Batch
SMRV	V19	WD013	200306	213	214	-0.01		-5		30	380	110	WM086062
SMRV	V19	WD013	200307	214	215	-0.01		-5		330	220	580	WM086062
SMRV	V19	WD013	200308	215	216	-0.01		-5		40	450	610	WM086062
SMRV	V19	WD013	200309	216	217	-0.01		-5		30	290	590	WM086062
SMRV	V19	WD013	200310	217	218	-0.01		-5		70	400	940	WM086062
SMRV	V19	WD013	200311	218	219	-0.01		6		190	4100	12800	WM086062
SMRV	V19	WD013	200312	219	220	-0.01		-5		90	780	2600	WM086062
SMRV	V19	WD013	200313	220	221	-0.01		-5		30	290	320	WM086062
SMRV	V19	WD013	200314	221	222	-0.01		-5		20	90	130	WM086062
SMRV	V19	WD013	200315	222	223	-0.01		-5		10	30	100	WM086062
SMRV	V19	WD013	200316	223	224	-0.01		-5		10	40	150	WM086062
SMRV	V19	WD013	200317	224	225	-0.01		-5		80	1600	3190	WM086062
SMRV	V19	WD013	200318	225	226	-0.01		-5		40	460	890	WM086062
SMRV	V19	WD013	200319	226	227	-0.01		-5		30	720	1730	WM086062
SMRV	V19	WD013	200320	227	228	-0.01		-5		20	140	430	WM086062
SMRV	V19	WD013	200321	228	229	-0.01		-5		10	40	130	WM086062
SMRV	V19	WD013	200322	229	230	-0.01		-5		-10	30	100	WM086062
SMRV	V19	WD013	200323	230	231	-0.01		-5		10	-20	70	WM086062
SMRV	V19	WD013	200324	231	232	-0.01		-5		10	-20	50	WM086062
SMRV	V19	WD013	200325	237.5	238.5	-0.01		-5		10	-20	140	WM086062
SMRV	V19	WD013	200326	238.5	239.5	-0.01		-5		-10	-20	80	WM086062
SMRV	V19	WD013	200327	239.5	240.5	-0.01		-5		10	-20	170	WM086062

PROJECT:	SMRV	**HOLE NO:**	**WD014**	DRILL TYPE:	NQ
PROSPECT:	V19	DATE COMMENCED:	26/04/2005	DRILLER:	TasGold Ltd
EL:	EL20/1996	DATE COMPLETED:	9/05/2005	LOGGED BY:	R Reid/JMD
EASTING	379250.57	TOTAL DEPTH (M):	312	DATE:	30/04/2005
NORTHING	5251454.16	AZIMUTH:	95.5	OXIDATION BOCO:	
COLLAR RL:	152.341	DIP:	-70	BOPO:	

Drill Rods (m)

	From	To
Casing		
HQ		
NQ	0	312
BQ		

Comments: Hole stopped due to rig problems

Hole Number		WD014	Sheet No	1					Mineralisation / Alteration and additional descriptors																														Other general comments:
INTERVAL			ROCK CODES							Pyrite		Sphal		Galena		Silica		Sericite		Chlorite		(Ca)CO3		Qtz vein		Other minerals / texture / colour											
FROM (m)	TO (m)	Type (M/S/P)	Strat Code	Rock type	Rock Type 2	Primary Altn	Secondary Altn	Composition	Weathering	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Mineral 1	Style 1	Amount	Mineral 2	Style 2	Amount	Broken (WMS)	Foliation (WMS)	Colour	Full Description				
0	9.1	M	Cfl	LQFBD		Ser												P	w													w	w-m		grey / pale green quartz-feldspar?-biotite-porphyry				
9.1	9.4	M	Cfl	LQFBD		Ser																									s			highly broken grey / pale green quartz-feldspar?-biotite-porphyry				
9.4	11	M	Cfl	LQFBD		Ser												P	w													w	w		grey / pale green quartz-feldspar?-biotite-porphyry				
11	12.3	M	Cfl	LQFBD		Cb	Ser											P	w				Vn	w-m									w		grey / pale green quartz-feldspar?-biotite-porphyry, cb-vnd(w/m); @12.3m 1cm q-vn with no cb veining on down hole side-microfault?				
12.3	12.95	M	Cfl	LQFBD		Ser												P	w														w		grey / pale green quartz-feldspar?-biotite-porphyry				
12.95	13.9	M	FALT	QZVN	FALT	Qz																		Vn	s								w		milky buck quartz vein infilling porphyry clast fault? Breccia				
13.9	15.8	M	Cfl	LQFBD		Cb	Ser											P	w				Vn	w-m									w		grey / pale green quartz-feldspar?-biotite-porphyry, irregular cb-vnlts and local breccia infil(w/m)				
15.8	19.5	M	Cfl	LQFBD		Ser												P	w				Vn	tr									w		grey / pale green quartz-feldspar?-biotite-porphyry; fol(w), cb vnd(tr, locally w/m)				
19.5	26.5	M	Cfl	LQFBD		Ser												P	w				Vn	w									w		grey / pale green quartz-feldspar?-biotite-porphyry; fol(w), cb vnd(w)				
26.5	37.4	M	Cfl	LQFBD		Cb	Ser											P	w				Vn	w-m									w		grey / pale green quartz-feldspar?-biotite-porphyry; fol(w), cb vnd(w/m) in irregular form with minor fracture fill zones				
37.4	137.1	M	Cfl	LQFBD		Cb	Ser																vn	w											grey / pale green quartz-feldspar?-biotite-porphyry				
137.1	138.6	M	Cfl	LQFBD		Cb																	vn	w/m											porphyry, cb-vnd(w/m)				
138.6	146.5	M	Cfl	LQFBD																															porphyry				
146.5	150.3	M	Cv	URQ		SiSX	Ch			d	1					p	m	p	w/m	p	w/m												w		gn q(w)-phc felsic volcanic, ch(w/m), ser(w/m), grey semi-perv sil(m)-dss py(1 to 4% locally as clots to 4cm)				
150.3	151.3	M	Cv	URQ		SiSx	Ch			d	0.5					p	w	p	w	p	w												w					
151.3	152.3	M	Cve	ESst		Si				d	1					p	w																w		mostly mg/cg q-xtal epiclastic sandstone, dss py(1%); upper 20cm bearing grey chert clasts and msv py clasts/zones, lower 8cm grey chert				
152.3	153.5	M	Cve	ESst		Ser				d	2							p	w														w		thin bdd q(w)-phc volc slst & sst, minor q-xtal-rich epiclastic component, ser(w), dss & bdd py(2%)				
153.5	163	M	Cve	ESst		Ser												p	w														w		q(m)-phc felsic volcaniclastic monomict breccia with clasts to 6cm of q-xtal rich epiclastic, apparently fines down hole, ser(w), fol(w)				
163	175.4	M	Cv	URQ		Ser				d	tr					p	tr	p	w													tr	w		q(m)-phc felsic volcaniclastic sst, dss py(tr), sil(tr), ser(w), fol(w), coherent little broken core				
175.4	175.6	M	Cv	URQ		QVN														vn	m			vn	m										felsic volcaniclastic sst overprinted by q-ch-veining(m/s)				
175.6	199	M	Cv	URQ		Si	Ser									p	m				w														q(m)-phc felsic volcaniclastic monomict breccia; semi perv sil(m), ch(w) patchy and altering clasts				
199	207.8	M	Cfl	LQFBD		Ser												p	m																ser(m) porphyry				
207.8	211.5	M	Cfl	LQFBD		QVN								vn	1								vn	w	vn	m									q-vnd(50%)-cb-gal(1%)				
211.5	284.1	M	Cv	LQFBD		Ser																													possibly q-f-phc volc sst				
284.1	286.3	M	Ccb	LB						d	0.5																								basalt, dss py (0.5%)				
286.3	299.5	M	Cfl	LQFBD		Ser																													probable porphyry?				
299.5	304.5	M	Cvebs	VPLLSst		Ser																													lapilli-lithic sst with minor block lithic, 1% py clasts				
304.5	305.5	M	Cvebb	VMPB		Ser	Si																												polymict MS clast-bearing volcaniclastic breccia; ~3% MS clasts				
305.5	306.5	M	Cvebs	VMPLSst		Ser																													polymict lithic MS clast-bearing volcaniclastic breccia; ~3% MS clasts				
306.5	312	M	Cv	VSst																															weak possibility this is a LQBFD = hangingwall; hole stopped due to rig problems, chance that host down hole if interbedded with VSst				

Drill Hole Down Hole Surveys			
BHID	**Depth**	**Azm**	**Dip**
WD014	0	95.5	-70
WD014	30	102	-68.25
WD014	60.3	111	-68
WD014	90.3	111	-68.25
WD014	120.2	112	-68
WD014	150.3	113.5	-67.5
WD014	180.3	111	-67.25
WD014	210.3	112	-67
WD014	240	104	-65.5
WD014	270	105	-65.25
WD014	300	105	-64

Hole_ID	At	Core angle (LCA)	Structure_type	Comments	Azimuth	Dip	Struc_ID
WD014	9.2	15	J				
WD014	9.6	20	J				
WD014	6.5	35	QzVN				
WD014	10.7	25	QzVN	joint/frac filling			
WD014	11.5	33	J				
WD014	11.3	10	CbVN				
WD014	12.3	70	QzVN				
WD014	15.9	45	Fr	fracture			
WD014	16.9	25	Fr				
WD014	24.3	45	Fr				
WD014	33.3	55	Fr				
WD014	45.6	35	QzCbVN				
WD014	47.6	30	Fr				
WD014	48.3	40	Fr				
WD014	51.3	40	Fr				
WD014	51.8	70	Fr				
WD014	54.3	45	Fr	slickensidded surface parallel to elipse long axis			
WD014	66.3	55	Fr	BOC mark, Fr 55 @45 off BCA - 235/55 from 180			
WD014	66.3	20	Fr				
WD014	75	25	CbVN				
WD014	81.3	30	CbVN				
WD014	81.3	50	Fr				
WD014	83.3	20	CbVN				
WD014	83.3	65	Fr				
WD014	84.2	40	Fr				

TasGold Ltd					Drill Assay Data								
Projects	Prospect	Hole_ID	Spl_Id	From	To	Au_ppm	AuR_ppm	Ag_ppm	As_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Lab Batch
SMRV	V19	WD014	200328	56.3	57.5	0.01		-1		28	160	300	WM086461
SMRV	V19	WD014	200329	57.5	58.5	-0.01		-1		8	65	146	WM086461
SMRV	V19	WD014	200330	58.5	59.5	-0.01		-1		7	39	154	WM086461
SMRV	V19	WD014	200331	59.5	60.5	-0.01		-1		4	43	201	WM086461
SMRV	V19	WD014	200332	60.5	61.5	-0.01		-1		5	35	211	WM086461
SMRV	V19	WD014	200333	61.5	62.5	-0.01		-1		4	43	180	WM086461
SMRV	V19	WD014	200334	62.5	63.5	-0.01		-1		5	53	210	WM086461
SMRV	V19	WD014	200335	63.5	64.5	-0.01		-1		5	75	217	WM086461
SMRV	V19	WD014	200336	64.5	65.5	-0.01		-1		6	660	294	WM086461
SMRV	V19	WD014	200337	65.5	66.6	-0.01		-1		13	340	275	WM086461

PROJECT:	SMRV	**HOLE NO:**	**WD015**	DRILL TYPE:	Diamond
PROSPECT:	West Wart	DATE COMMENCED:	11/05/2005	DRILLER:	TasGold Ltd
EL:	EL20/1996	DATE COMPLETED:	14/05/2005	LOGGED BY:	Rizal Fraval/N Allen
EASTING	379259.39	TOTAL DEPTH (M):	53.2	DATE:	
NORTHING	5250907.79	AZIMUTH:	90	OXIDATION BOCO:	
COLLAR RL:	171.043	DIP:	-45	BOPO:	

Drill Rods (m)

From To

Casing

HQ

NQ

BQ

Comments

Hole designed to:-

Test Silver Trench mineralisation where trenching returned 2m @ 348g/t Ag and 8.15% Pb and 1.m @ 620g/t Ag, 0.285g/t Au and 0.11% Pb

Hole Number		WD015	Sheet No	1		Mineralisation / Alteration and additional descriptors																													Other general comments:
INTERVAL		ROCK CODES					Pyrite		Sphal		Galena		Silica		Sericite		Chlorite		Carbonate		Qtz vein		Other minerals / texture / colour											
FROM (m)	TO (m)	Strat Code	Rock type	Primary Altn	Secondary Altr	Weathering	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Mineral 1	Style 1	Amount	Mineral 2	Style 2	Amount	Broken (WMS)	Foliation (WMS)	Colour	Full Description
1.8	7.2	Cvebs	VPLLSst	Ser		O	d	2							P	W															A2	Pale grey, polymict block lithic volcaniclastic sandstone, bearing f-phc felsic volc, mudstone/silicified chert clasts (10%) and sparse pyrite clasts (2%); dss py(2%)
7.2	7.9	FALT	FALT			O																							s			
7.9	8.5	Cvebs	VPLLSst	QVN	Ser	O	d	2																								AA 1.8 to 7.2m; dss py(2%)
8.5	10.2	MEX	MEX	MEX	Si								p	m																		grey chert / silicification; exhalite?
10.2	11.7	Cveb	VSst	Ser																												
11.7	13.1	Cvebs	VPBLSst	Si	QVN	O	d	3			Tr	Tr			P	M					Vn	W									A3	Pale Grey pervassive silica overprinting polymict locally block lithic volcaniclastic sandstone, milky quartz vug (10%), pyrite (1.4mm laminations subparallel to rock), sandy matrix. Mdst clast from 12.7 to 12.8m.
13.1	17.4	Cveb	VPLLSst	Ser	Ch	O	Tr	1%							sP	W	Tr	W										W	W	A3	Pale grey mottled fine grain volcanoclastic sandstone, brecciated containing 2-10mm clasts, pyrite laminations, grey perv sil from 14.7 to 16m
17.4	17.75	Cveb	VPLLSst	Ser		O	D	1%							P	M					Vn	W								A3	Pale grey, polymict lithic volcaniclastic sandstone, pyrite concentrated mostly around border of clasts, occasional large clasts 2*5cm.
17.75	17.8	FALT	FALT	QVN																												quartz veined fault
17.8	18.3	Cveb	VPLLSst	Si	QVN	Tr	Tr	Tr - <0.5 %	Tr	Tr - <0.5 %			P	S							Vn	S								A3	Pale grey, polymict lithic volcaniclastic sandstone, sparse pyrite grains in both veins and groundmass, vugging in some veins, lined with a black oxide MnO?(1%), stockwork to subparallel quartz veins
18.3	21	Cveb	VPLLSst	QVN		Tr	D	1%	Sp	Tr											Vn	S								A3	Pale grey polymict lithic volcaniclastic sandstone with vuggy stock work quartz veins, Trace FeO.
21	21.4	Cve	Esst			Tr	Tr	1%																						O2	Pale orange, coarse sandstone, laminate pyrite (1%), boxwork visible.
21.24	23.5	Cveb	VPBLSst	Ser	QVN	Tr	Tr	1%							P	W					Vn	W								A3	Pale grey, polymict volcaniclastic sandstone, brecciated, small patch of grey substance (Pb or Ag based?), subparallel quartz veins
23.5	25.3	Cveb	VPBLSst	Si	Cb		D	5%					P	M					P	M	Vn	W						W		A3	Pale grey, polymict lithic volcaniclastic sandstone, brecciated with quartz vn crystals (2*3 mm), Trace pyrite, some boxwork, FeO(w)
25.3	28	Cveb	VPBLSst	Si		Tr	D	2%					P	W																A3	Pale grey, polymict lithic volcaniclastic fine grained sandstone, laminate pyrite, less silicified
28	28.2	Csh	Sh				Tr	5%																						A5	Dark grey, almost black, fine grained mudstone / Shale
28.2	29.7	Cveb	VPBLSst	Si	QVN	O	D	2%	Tr	Tr - <0.5 %	Tr	Tr	P	S							P	M						M		A3	Pale grey, polymict lithic fine grained volcaniclastic sandstone, brecciated, quartz phenocrysts (2-3mm);quartz-cb veins
29.7	32.9	Cveb	VPBLSst	Si			D	2%			Tr	1%	P	M														M	W	A3	Pale grey polymict lithic volcaniclastic fine grained sandstone, Pyrite laminations
32.9	33.2	Csh	Sh	QVN		Tr	Tr	2%	Tr	2			sP	W							Vn	M						M	W	N2	Dark grey, fine grained mudstone with light brown sphalerite replacement at fracture zones.
33.2	35	Cv	VSst	Si	QVN	Tr	Sp	5%					P	S							Vn	M						W	W	A5	Dark grey, feldspar-quartz-phyric felsic volcaniclastic sandstone, with possible feldspar replacement by carbonate mineral, vuggy quartz veins.
35	37.7	Cveb	VPBLSst	Ser	Si	O	D	2%					sP	M	sP	M												M	M	A3	Pale grey, polymict lithic volcaniclastic fine grained sandstone with carbonate replacement in fractured zones
37.7	38.7	Cv	VSst			S																								C3	Cream, medium grained felsic volcaniclastic sandstone, 1 metre of core loss.
38.7	39	Cveb	VPBLSst	Si	Ch	Tr	D	2%					P	S	P	M	sP	M			Vn	M						W	M	A3	Pale grey, polymict lithic volcaniclastic fine grained sandstone with carbonate replacement in fractured zones and stockwork quartz veins
39	39.8	Cveb	VPBLSst	Ser		Tr									sP	M												W	M	A3	Pale grey polymict lithic volcaniclastic fine grained sandstone
39.8	40.5	Cveb	VPBLSst	Si	Ser	Tr	D	2%					sP	M	sP	M					Vn	W						W	M	A3	Pale grey, polymict lithic volcaniclastic fine grained sandstone, green tinge present due to sericite
40.5	51.2	Cveb	VPBLSst	Si	Ser	Tr	D	5%					sP	S	sP	M					Sp	M						M	W	A3	Pale grey polymict lithic volcaniclastic fine grained sandstone, brecciated quartz crystals and pyrite clots and laminates, light brown replacement in fractures.
51.2	51.3	Cveb	VPBLSst	Ser		Tr							sP	W	sP	W												W	W	A3	Pale grey polymict lithic volcaniclastic fine grained sandstone, with gradded pebbly bedding
51.3	51.6	Cveb	VPBLSst	QVN	Ser	Tr							sP	W	sP	M					Vn	M						W	W	A3	Pale grey polymict lithic volcaniclastic fine grained sandstone, containing quartz clasts
51.6	52	Csh	Sh	Ser	Ch	Tr									sP	S	sP	W			Vn	W						M	M	C3	Cream, fine grained laminated mudstone.
52	52.9	Cveb	VPBLSst	Ser		O							sP	W	sP	W	sP	W										M	W	A3	Pale grey, polymict lithic volcaniclastic fine grained sandstone, brecciated gradded bedding from 3-4mm pebbles to fine grained sandstone.
52.9	53.2	Cveb	VPBLSst	Qvn	Si	Tr							sP	W							Vn	W						W	W	A3	Pale grey, polymict lithic volcaniclastic fine grained sandstone, pebbly breccia.

Drill Hole Down Hole Surveys

Hole_ID	Depth	Azimuth	Dip	ID	Magnetic_azm	Type
WD015	0	90	-45			
WD015	30	100.5	-41			
WD015	54	101.5	-40.5			

TasGold Ltd			Drill Assay Data										
Projects	Prospect	Hole_ID	Spl_Id	From	To	Au_ppm	AuR_ppm	Ag_ppm	As_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Lab Batch
SMRV	West Wart	WD015	TWD011213	12	13	-0.01		1		20	290	500	Req No 094
SMRV	West Wart	WD015	TWD011718	17	18	-0.01		2		20	110	380	Req No 094
SMRV	West Wart	WD015	TWD011920	19	20	-0.01		1		60	120	1	Req No 094
SMRV	West Wart	WD015	TWD012021	20	21	-0.01		2		20	260	130	Req No 094
SMRV	West Wart	WD015	TWD012122	21	22	-0.01		2		70	230	890	Req No 094
SMRV	West Wart	WD015	TWD012223	22	23	-0.01		2		60	400	540	Req No 094
SMRV	West Wart	WD015	TWD012829	28	29	-0.01		2		20	160	430	Req No 094
SMRV	West Wart	WD015	TWD0129297	29	29.7	-0.01		1		10	70	130	Req No 094
SMRV	West Wart	WD015	TWD0129730	29.7	30	-0.01		4		130	3950	11100	Req No 094
SMRV	West Wart	WD015	TWD013031	30	31	-0.01		1		10	50	140	Req No 094
SMRV	West Wart	WD015	TWD013132	31	32	0.04		5		20	340	390	Req No 094
SMRV	West Wart	WD015	TWD013233	32	33	0.14		29		1860	1950	46700	Req No 094
SMRV	West Wart	WD015	TWD0133335	33	33.5	0.03		29		120	830	4040	Req No 094
SMRV	West Wart	WD015	TWD0133534	33.5	34	0.04		15		30	810	840	Req No 094
SMRV	West Wart	WD015	TWD013435	34	35	0.03		6		10	400	350	Req No 094
SMRV	West Wart	WD015	TWD013536	35	36	-0.01		6		40	330	530	Req No 094

Significant Intervals

Hole_ID	Interval	From (m)	Au_ppm	Ag_ppm	Cu_%	Pb_%	Zn_%
WD015	1m	32	0.14	29.0	0.19	0.20	4.67
WD015	3m	31	0.07	18.7	0.07	0.10	1.45
WD015	0.3m	29.7	<0.01	4.0	0.00	0.04	1.11

PROJECT:	SMRV	**HOLE NO:**	**WD016**	DRILL TYPE:		Diamond
PROSPECT:	V19	DATE COMMENCED:	14/01/2006	DRILLER:		TasGold Ltd
EL:	20/1996	DATE COMPLETED:	3/02/2006	LOGGED BY:		John McD
EASTING	379125	TOTAL DEPTH (M):	468	DATE:		17/01/2006
NORTHING	5251520	AZIMUTH:	91.5	OXIDATION	BOCO:	2
COLLAR RL:	136	DIP:	-85		BOPO:	12

Drill Rods (m)

	From	To
Casing		
HQ	0	60
NQ	60	372
BQ	372	468

Comments Hole designed to test composition of chargeability shell that extends west and below last years drilling

Significant Intervals:
Hole not assayed to date

Hole Number		WD016	Sheet No	1			Mineralisation / Alteration and additional descriptors																													Other general comments:
INTERVAL		ROCK CODES						Pyrite		Sphal		Galena		Silica		Sericite		Chlorite		(Ca)CO3		Qtz vein		Other minerals / texture / colour												
FROM (m)	TO (m)	Strat Code	Rock type	Primary Altn	Secondary Altn	Composition	Weathering	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Mineral 1	Style 1	Amount	Mineral 2	Style 2	Amount	Broken (WMS)	Colour	Full Description					
0	21.2	Cve	Esst					clast	1																						1A	Well sorted epiclastic sandstone and occasional pyrite clasts					
21.2	26	FALT	FALT	QVN																		Vn	s								W	Qtz-dolomite-chlorite veining					
26	31	Cveb	VPB	Ser												sP	m														1A	Polymict Breccia, Ser(m)					
31	32.5	FALT	FALT	QVN																		Vn	s								W	Quartz veining					
32.5	62	Cve	Esst													fol	w														2A	Epiclastic sandstone					
66	62.4	Csh	Vmdst																												4A	Grey mudstone					
62.4	79	Cvls	VLSst																												2A	Lithic volcaniclastic sandstone including mudstone clasts at base of unit (fining up down hole)					
79	79.5	Csh	Vmdst	Si											m																4A	Grey mudstone with semi pervasive silica and trace pyrite					
79.5	82	Cvls	VLSst	Cb																Sp	w										2A	Lithic volcaniclastic sandstone Cb(w) spotty alteration					
82	117.5	Cvls	VLSst	Si	Cb									sP	m					Sp	w										2A	Qtz(m) Sparsely lithic volcaniclastic sandstone, Cb(w) , Semi pervasive silica (m)					
117.5	122	Cveb	VPB	Ser												P	m													W	Gr-A	Polymict Breccia, Ser(m) particularly on downhole contact, fining up down hole					
122	122.5	FALT	FALT					Vn	1																					S	1A	Brittle fault with trace pyrite					
122.5	144.3	Cflq	LQFR	Si										P	w															W	1A	Weakly broken quartz phyric lava					
144.3	326.7	Cfl	LQBFD											P	m																2A	Cohesive qtz-felds-biotite (hbld?) lava with pervasive sil(m), cb and ser replacing feldspar and chl replacing biotite, occasional qtz+-cb veins,					
326.7	328.2	Csh	Vmdst					ds	3																						4A	Several discrete intervals of grey mudstone intercalated with pl grn cg v.c.s.s., sparsely lapilli lithic. beds of mudstone have sharp irregular contacts with adjacent porphyry and seds, suggestive of soft sediment deformation. Mdst bds. 3cm-20 cm. Locally, finely disseminated pyrite is concentrated to 10% (over 30 cm @ mdst downhole contact 327.4-327.7m. Trace lt grn blbs 2-3 mm, probably chl, may be fuchite.					
328.2	332.4	Cvst	VSst	ser	cb			ds	tr							p	w			Sp	m										2Gr	Pl Grn-olive grn cg felsic vcss. Quartz xtals 10-20% 1-2mm and angular to rounded, poorly sorted. Matrix is sericitic. Contains patchy Cb alt spatially related to trace dss py. And green spotting (chl?) Cb is often found in 1-300 mm wide fol parallel laminations, some cb alt has orange stain.					
332.4	378.5	Cvst	VSst	chl	si			ds	tr					sP	m			Sp	m	Sp	m										2Gr	Lt-Dk grn cg felsic vcss. Quartz xtals 10-20% 1-2mm and angular to rounded, poorly sorted. Begin patchy chl (m) alt overprinted by crm/wht silica/Cb(minor) alteration which creates a pseudo clastic texture. Texture and alteration are gradational within this interval to less altered cgvcss similar to adjacent uphole interval. The silica/Cb appears spatially unrelated to quartz carbonate veins.					
378.5	397.5	Cvst	VSst	ser																											2A-1Y	Kahki green/olive, grey and cream ser(m) domainal alteration with pseudo-clastic texture, possibly lithic volcaniclastic sandstone with quartz and possible reworked spherulites or spotty silica					
397.5	433.2	Cvst	VSst		ser																										1A-C	Grey and cream with weak zones of serecite and broken ground, qtz(m) to 4mm volcaniclastic sandstone with occasional low angle to core faulting with trace painted pyrite and disseminations and qtz veins (w)					
433.2	433.7	Cvl	Lmst	cb				vn	2											P	s										W-Pk	Possible limestine with weak cb veining and pink heamatitic/manganiferous stain increasing down hole, py as veinlets and disseminations to 2%, apparently quite low angle to core, possibility this is just strong cb alteration but unclear					
433.7	434.5	Cveb	VMPLSst	ser	cb			clast	0.5	clast	0.5	clast	1			sP	m														1A-1Y	Interval starts with ser(m) fault pug for 5cm then volc sst with sub-rounded q-porphyry clasts and 2cm MSX clasts including base metal, possibly lapilli lithic (w) and interbedded with fine sst? Ser(w-m) overall, MS clasts to 2cm with greatest density being 3 over 5cm and 1 to 2 per 30cm outside this.					
434.5	435.6	Cve	Esst		ser					clast	0.1	clast	0.1																		2A-1Y	Light grey ser(w) fine volcaniclastic sandstone/epiclastic with 40% qtz grains generally<2mm and rounded, one subrounded clast of base metal to 5mm					
435.6	435.7	Cveb	VMPLSst	ser				clast	0.5	clast	0.5	clast	1																		1A-3A	lapilli lithic polymict volc sst, bearing sub ang to sub rndd carb & MS as well as sub rndd porphyry clasts. Max MC clast conc to 2-3 over 5cm., diffuse sil-vnd(w, minor py and galincl.), semi-perv sil(to m). end interval @ 437.7 ser(s) faulted lower contact with minor lht grey pug.					
435.7	468	Ctqvs	VSst	ser	sil									sP	w-m	fol	w														1Gr-A	volc sst, bimodal quartz, ser(w-m) in foliation and semi-pervasive silica zones of up to 2m					
EOH																																				

Drill Hole Down Hole Surveys			
BHID	**Depth**	**Azm**	**Dip**
WD016	60	89.5	-86.5
WD016	90	113	-85.5
WD016	130	12.5	-84.75
WD016	150	22	-84
WD016	180	17	-83.5
WD016	210	29	-83
WD016	252	25	-82.5
WD016	282	18	-81.5
WD016	324	23	-80.5
WD016	363	23	-80
WD016	382.5	207	-79
WD016	412	342	-78.5
WD016	442.5	302	-75.5

Hole_ID	At	Core angle (LCA)	Structure_type	Comments	Azimuth	Dip
WD016	78.9	30	s0	vmud cntct w/ vsand		
WD016	93.9	35	fol	fol (s)		
WD016	102	40	fol	fol (s)		
WD016	109	35	fol	fol (m)		
WD016	114	40	fol	fol (m)		
WD016	125	10	fr	fracture		
WD016	131	20	vn	qtz-cb vn		
WD016	144	40	vn	chl-cb-qtz vn		
WD016	155	45	fol	fol (w)		
WD016	177	10	vn	qtx cb vn		
WD016	183	15	vn	chalcedony-cb vein		
WD016	202	65	vn	qtz-cb weakly deformed		
WD016	212	77	vn	qtz>cb>gal, undeformed		
WD016	222	28	vn	sil-chl-cb		
WD016	240	28	vn	sil-chl-cb		
WD016	248	60	vn	qtz-cb vn		
WD016	251	50	vn	qtz-cb vn		
WD016	252	60	vn	qtz-cb vn		
WD016	256	10	vn	qtz-cb-gal vn (chalcedonic)		
WD016	257	30	vn	cb vn with wall rock breccia		
WD016	273	15	vn	qtz-cb vn		
WD016	281	40	vn	cb vn		
WD016	289	30	vn	qtz-cb-gal-sph		
WD016	313	20	vn	qtz-cb-gal pinch and swell visible offset		
WD016	324	35	vn	cockade banded vn, two cb and py		
WD016	329	60	vn	qtz-cb-chl-py		
WD016	339	20	vn	diffuse edged cb vn		
WD016	343	40	vn	diffuse edged sil py		
WD016	378	50	vn	sil-cb bnd		
WD016	394	30	fol	fol (w)		
WD016	409	30	vn	qtz-cb-gal vn		
WD016	412	25	vn	qtz-cb		
WD016	443	35	vn	qtz-cb-gal-sph		
WD016	445	40	fol	mod fol		
WD016	447	80	vn	qtz-cb		
WD016	452	30	fol	fol (w)		
WD016	462	30	vn	qtz-cb		

TasGold Ltd			Drill Core Recovery & RQD Log				
DrillHole	From	To	Interval	Measured	Recovery%	Lengths>10cm	RQD %
WD016	0	3.2	3.2	2.9	90.6	1.98	61.9
WD016	3.2	4.7	1.5	1.42	94.7	1	66.7
WD016	4.7	6.2	1.5	1.5	100.0	1.37	91.3
WD016	6.2	7.7	1.5	1.5	100.0	1.45	96.7
WD016	7.7	9.2	1.5	1.5	100.0	1.29	86.0
WD016	9.2	10.7	1.5	1.5	100.0	1.41	94.0
WD016	10.7	12.2	1.5	1.5	100.0	1.3	86.7
WD016	12.2	13.7	1.5	1.5	100.0	1.33	88.7
WD016	13.7	16.7	3	1.9	63.3	1.1	36.7
WD016	16.7	18.2	1.5	1.65	110.0	1.07	71.3
WD016	18.2	19.7	1.5	1.6	106.7	1.25	83.3
WD016	19.7	21.2	1.5	1.45	96.7	0.9	60.0
WD016	21.2	22.7	1.5	0.2	13.3	0	0.0
WD016	22.7	24.2	1.5	0.5	33.3	0	0.0
WD016	24.2	24.9	0.7	0.2	28.6	0.11	15.7
WD016	24.9	25.7	0.8	0.7	87.5	0.15	18.8
WD016	25.7	25.9	0.2	0.2	100.0	0	0.0
WD016	25.9	27.2	1.3	1.3	100.0	1.23	94.6
WD016	27.2	28.7	1.5	1.5	100.0	1.5	100.0
WD016	28.7	30.2	1.5	0.75	50.0	0.27	18.0
WD016	30.2	31.7	1.5	0.9	60.0	0	0.0
WD016	31.7	33.2	1.5	1.5	100.0	0.24	16.0
WD016	33.2	34.7	1.5	1.5	100.0	0.43	28.7
WD016	34.7	36.2	1.5	1.5	100.0	1.35	90.0
WD016	36.2	37.7	1.5	1.5	100.0	1.46	97.3
WD016	37.7	39.2	1.5	1.43	95.3	1.43	95.3
WD016	39.2	40.7	1.5	1.6	106.7	1.25	83.3
WD016	40.7	41.6	0.9	0.9	100.0	0.85	94.4
WD016	41.6	43	1.4	1.3	92.9	1.3	92.9
WD016	43	44.4	1.4	1.7	121.4	1.7	121.4
WD016	44.4	45.9	1.5	1.5	100.0	1.5	100.0
WD016	45.9	46.7	0.8	0.8	100.0	0.8	100.0
WD016	46.7	48.2	1.5	1.5	100.0	1.5	100.0
WD016	48.2	49.7	1.5	1.4	93.3	1.4	93.3
WD016	49.7	51.2	1.5	1.31	87.3	1.31	87.3
WD016	51.2	52.7	1.5	1.5	100.0	1.5	100.0
WD016	52.7	54.2	1.5	1.5	100.0	1.5	100.0
WD016	54.2	55.7	1.5	1.5	100.0	1.5	100.0
WD016	55.7	57.2	1.5	1.5	100.0	1.39	92.7
WD016	57.2	58.7	1.5	1.5	100.0	1.47	98.0
WD016	58.7	60.2	1.5	1.5	100.0	1.3	86.7
WD016	60.2	63	2.8	2.65	94.6	2.3	82.1
WD016	63	66	3	3	100.0	3	100.0
WD016	66	69	3	3	100.0	3	100.0
WD016	69	72	3	3	100.0	3	100.0
WD016	72	75	3	3	100.0	3	100.0
WD016	75	78	3	3	100.0	3	100.0
WD016	78	81	3	3	100.0	2.88	96.0
WD016	81	84	3	3	100.0	3	100.0
WD016	84	87	3	3	100.0	2.95	98.3
WD016	87	90	3	3	100.0	2.85	95.0
WD016	90	93	3	3	100.0	2.83	94.3
WD016	93	96	3	3	100.0	2.6	86.7

WD016	96	99	3	3	100.0	3	100.0
WD016	99	102	3	3	100.0	2.69	89.7
WD016	102	105	3	3	100.0	2.98	99.3
WD016	105	108	3	3	100.0	3	100.0
WD016	108	111	3	3	100.0	2.65	88.3
WD016	111	114	3	3	100.0	2.93	97.7
WD016	114	117	3	3	100.0	2.7	90.0
WD016	117	120	3	2.85	95.0	2.2	73.3
WD016	120	123	3	2.9	96.7	1.62	54.0
WD016	123	126	3	2.9	96.7	1.7	56.7
WD016	126	129	3	3	100.0	3	100.0
WD016	129	132	3	3	100.0	3	100.0
WD016	132	135	3	3	100.0	2.9	96.7
WD016	135	138	3	3	100.0	2.9	96.7
WD016	138	141	3	3	100.0	3	100.0
WD016	141	144	3	3	100.0	2.85	95.0
WD016	144	147	3	3	100.0	3	100.0
WD016	147	150	3	3	100.0	3	100.0
WD016	150	153	3	3	100.0	2.95	98.3
WD016	153	156	3	3	100.0	2.2	73.3
WD016	156	159	3	3	100.0	2.49	83.0
WD016	159	162	3	3	100.0	3	100.0
WD016	162	165	3	3	100.0	2.92	97.3
WD016	165	168	3	3	100.0	3	100.0
WD016	168	171	3	3	100.0	2.2	73.3
WD016	171	174	3	2.9	96.7	2.05	68.3
WD016	174	177	3	3	100.0	3	100.0
WD016	177	180	3	3	100.0	2.85	95.0
WD016	180	183	3	3	100.0	3	100.0
WD016	183	186	3	3	100.0	3	100.0
WD016	186	189	3	3	100.0	2.6	86.7
WD016	189	192	3	3	100.0	2.85	95.0
WD016	192	195	3	3	100.0	3	100.0
WD016	195	198	3	3	100.0	2.04	68.0
WD016	198	201	3	3	100.0	3	100.0
WD016	201	204	3	3	100.0	1.75	58.3
WD016	204	207	3	3	100.0	2.05	68.3
WD016	207	210	3	3	100.0	2.6	86.7
WD016	210	213	3	3	100.0	3	100.0
WD016	213	216	3	3	100.0	3	100.0
WD016	216	219	3	3	100.0	3	100.0
WD016	219	222	3	3	100.0	3	100.0
WD016	222	225	3	3	100.0	2.32	77.3
WD016	225	226.5	1.5	1.5	100.0	1.05	70.0
WD016	226.5	228	1.5	1.5	100.0	1.3	86.7
WD016	228	231	3	3	100.0	2.85	95.0
WD016	231	234	3	3	100.0	2.74	91.3
WD016	234	236.3	2.3	2.3	100.0	2.05	89.1
WD016	236.3	237	0.7	0.7	100.0	0.63	90.0
WD016	237	240	3	3	100.0	3	100.0
WD016	240	243	3	3	100.0	2.73	91.0
WD016	243	246	3	3	100.0	3	100.0
WD016	246	249	3	3	100.0	2.4	80.0
WD016	249	252	3	3	100.0	2.55	85.0
WD016	252	255	3	3	100.0	2.5	83.3
WD016	255	258	3	2.81	93.7	2.81	93.7

WD016	258	261	3	2.88	96.0	2.65	88.3
WD016	261	264	3	2.9	96.7	2.52	84.0
WD016	264	267	3	2.98	99.3	2.65	88.3
WD016	267	270	3	3	100.0	3	100.0
WD016	270	273	3	3.05	101.7	2.52	84.0
WD016	273	276	3	3	100.0	2.1	70.0
WD016	276	279	3	3.1	103.3	2.39	79.7
WD016	279	282	3	3	100.0	2.57	85.7
WD016	282	285	3	3	100.0	2.52	84.0
WD016	285	288	3	3	100.0	2.9	96.7
WD016	288	289.5	1.5	1.5	100.0	1.5	100.0
WD016	289.5	291	1.5	1.5	100.0	1.47	98.0
WD016	291	294	3	3	100.0	2.24	74.7
WD016	294	297	3	3	100.0	2.25	75.0
WD016	297	300	3	3	100.0	2.42	80.7
WD016	300	303	3	3	100.0	2.16	72.0
WD016	303	306	3	3	100.0	2.32	77.3
WD016	306	309	3	2.85	95.0	2.15	71.7
WD016	309	312	3	3	100.0	1.5	50.0
WD016	312	315	3	3	100.0	2.84	94.7
WD016	315	318	3	3	100.0	3	100.0
WD016	318	320	2	3	150.0	2.75	137.5
WD016	320	321	1	1	100.0	0.94	94.0
WD016	321	324	3	2.95	98.3	2.87	95.7
WD016	324	327	3	3	100.0	2.96	98.7
WD016	327	330	3	3	100.0	2.92	97.3
WD016	330	333	3	3	100.0	1.9	63.3
WD016	333	336	3	3	100.0	3	100.0
WD016	336	339	3	3	100.0	3	100.0
WD016	339	342	3	3	100.0	3	100.0
WD016	342	345	3	3	100.0	2.8	93.3
WD016	345	348	3	3	100.0	3	100.0
WD016	348	351	3	3	100.0	2.94	98.0
WD016	351	354	3	3	100.0	3	100.0
WD016	354	357	3	3	100.0	2	66.7
WD016	357	360	3	3	100.0	2.93	97.7
WD016	360	363	3	3	100.0	2.63	87.7
WD016	363	366	3	3	100.0	2.97	99.0
WD016	366	369	3	3	100.0	3	100.0
WD016	369	372	3	3	100.0	2.55	85.0
WD016	372	373.5	1.5	1.5	100.0	1.06	70.7
WD016	373.5	376.5	3	3	100.0	2.93	97.7
WD016	376.5	378	1.5	1.5	100.0	0.78	52.0
WD016	378	379.5	1.5	1.5	100.0	1.38	92.0
WD016	379.5	382.5	3	3	100.0	2.39	79.7
WD016	382.5	385.5	3	3	100.0	2.21	73.7
WD016	385.5	388.5	3	3	100.0	2.38	79.3
WD016	388.5	391.5	3	3	100.0	2.79	93.0
WD016	391.5	394.5	3	3	100.0	2.98	99.3
WD016	394.5	397.5	3	2	66.7	1.37	45.7
WD016	397.5	398.5	1	0.6	60.0	0.12	12.0
WD016	398.5	399	0.5	0.54	108.0	0.34	68.0
WD016	399	399.9	0.9	0.9	100.0	0	0.0
WD016	399.9	400.5	0.6	0.6	100.0	0	0.0
WD016	400.5	401.4	0.9	0.85	94.4	0.26	28.9
WD016	401.4	402.7	1.3	1.3	100.0	0	0.0

WD016	402.7	403.5	0.8	0.8	100.0	0.21	26.2
WD016	403.5	406.5	3	3	100.0	1.54	51.3
WD016	406.5	408	1.5	1.5	100.0	0.11	7.3
WD016	408	409.5	1.5	1.5	100.0	1.5	100.0
WD016	409.5	412.5	3	3	100.0	2.66	88.7
WD016	412.5	415	2.5	2.8	112.0	1.9	76.0
WD016	415	415.9	0.9	0.9	100.0	0	0.0
WD016	415.9	416.7	0.8	0.6	75.0	0	0.0
WD016	416.7	417.6	0.9	0.9	100.0	0.45	50.0
WD016	417.6	418	0.4	0.4	100.0	0.11	27.5
WD016	418	420.2	2.2	2.2	100.0	0.86	39.1
WD016	420.2	420.6	0.4	0.4	100.0	0	0.0
WD016	420.6	421	0.4	0.3	75.0	0	0.0
WD016	421	424.5	3.5	3.1	88.6	1.66	47.4
WD016	424.5	426	1.5	1.5	100.0	1.44	96.0
WD016	426	427.5	1.5	1.5	100.0	1.48	98.7
WD016	427.5	430.5	3	3	100.0	2.52	84.0
WD016	430.5	432.5	2	2	100.0	1.11	55.5
WD016	432.5	433.5	1	1	100.0	0.65	65.0
WD016	433.5	434.7	1.2	1.2	100.0	0.49	40.8
WD016	434.7	435.6	0.9	0.9	100.0	0.15	16.7
WD016	435.6	436.4	0.8	0.8	100.0	0	0.0
WD016	436.4	436.7	0.3	0.3	100.0	0.105	35.0
WD016	436.7	437.5	0.8	0.8	100.0	0.21	26.2
WD016	437.5	438.6	1.1	1	90.9	0.53	48.2
WD016	438.6	439.5	0.9	0.9	100.0	0.33	36.7
WD016	439.5	442.5	3	3	100.0	1.75	58.3
WD016	442.5	444.8	2.3	2.3	100.0	0.85	37.0
WD016	444.8	445.5	0.7	0.8	114.3	0.71	101.4
WD016	445.5	446.5	1	0.85	85.0	0.45	45.0
WD016	446.5	447.7	1.2	0.78	65.0	0.31	25.8
WD016	447.7	448.5	0.8	0.8	100.0	0.62	77.5
WD016	448.5	449	0.5	1.5	300.0	1.33	266.0
WD016	449	450.5	1.5	1.5	100.0	0.5	33.3
WD016	450.5	452	1.5	1.5	100.0	0.72	48.0
WD016	452	453.5	1.5	1.5	100.0	1.24	82.7
WD016	453.5	455	1.5	1.5	100.0	1.37	91.3
WD016	455	456.5	1.5	1.5	100.0	1.5	100.0
WD016	456.5	457.2	0.7	0.7	100.0	0.43	61.4
WD016	457.2	459.5	2.3	2.3	100.0	2.3	100.0
WD016	459.5	462.4	2.9	1.9	65.5	1.87	64.5
WD016	462.4	463.5	1.1	1.23	111.8	1.23	111.8
WD016	463.5	465	1.5	1.5	100.0	0.28	18.7
WD016	465	466.5	1.5	1.5	100.0	1.18	78.7
WD016	466.5	468	1.5	1.5	100.0	1.33	88.7
EOH							

PROJECT:	SMRV	**HOLE NO:**	**WWD003**	DRILL TYPE:		Diamond
PROSPECT:	V19	DATE COMMENCED:	29/12/2005	DRILLER:		TasGold Ltd
EL:	EL20/1996	DATE COMPLETED:	11/01/2006	LOGGED BY:		J McDougall
EASTING	379209	TOTAL DEPTH (M):	294	DATE:		5/04/2006
NORTHING	5250877.5	AZIMUTH:	90	OXIDATION	BOCO:	1.9
COLLAR RL:	167	DIP:	-60		BOPO:	9.4

Drill Rods (m)

	From	To
Casing		
HQ	0	41.5
NQ	41.5	294
BQ		

Comments Test the down dip extension of WD015 silver trench mineralisation and plunging chargeability shell defined by 3D IP survey; short inervals of massive sulphide need sampling and possibly the py in the hang wall for Au and Base metal

Hole Number	WWD003	Sheet No	1			Mineralisation / Alteration and additional descriptors																												Other general comments:
INTERVAL		ROCK CODES						Pyrite		Sphal		Galena		Silica		Sericite		Chlorite		(Ca)CO3		Qtz vein		Other minerals / texture / colour										
FROM (m)	TO (m)	Strat Code	Rock type	Primary Altn	Secondary Altn	Composition	Weathering	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Mineral 1	Style 1	Amount	Mineral 2	Style 2	Amount	Broken (WMS)	Colour	Full Description			
0	1.9	Cv	VFQSst	DSX	Si		M																							M	1Br	moderately weathered felsic volc sst			
1.9	11.6	Cv	VFQSst	DSX	QVN																										2A-1Br-O	Sil(w) Cb(w), quartz veins Quartz sandstone, py dissem and veinlets to 1.5%			
11.6	15.2	Cv	VQSst	DSX																										S	4A-2Br	Coarse sandstone, very well sorted, cb(vw), py dissem (tr)			
15.2	17.45	Cv	VQSst	DSX																											1Br-C-2A	qtz moderate undifferentiated felsic volc, semi perv cb overprinting sil(m) porphyry? Autobreccia? Or sil breccia, 1mm or less py crystals to 1% dissem, 2-4% army green mafic? Sericitised clots			
17.45	51.15	Cv	VQSst	DSX																											1Br-C-2A	qtz moderate undifferentiated felsic volc, sil(m) ser(w) cb(w) clastic rock with stronger sil zones appearing like porphyry, zones of qtz (m) but typically (w) and army green flecks (1-3%), qtz-cb-gal veins common and intensely deformed, ser-sil zones adjacent to these veins, py(3%) in clots, dissems and vns			
51.15	67.5	Cv	VQSst																											W	4A-2Br-C	Undiff volc sst with base of flows pebbly, py 0.5% fol(m), occasional clsts of py			
67.5	69	Cveb	VPLSst																												3A	ms (py) clast bearing lapilli-lithic volc sst; ms clasts to 4cm, to pebbly size, graded beds down hole			
69	92..1	Cv	VLSst	Ser																											3A	lapilli-lithic volc sst, ser(w/m) on fol and minor faults			
92.1	124.5	Cveb	VPLSst	Ch	Si																										2A	interbedded polymict lapilli volcaniclastic sandstone and lapilli lithic volc sst; NB: numerous altered Shale? Rip up clasts, poorly sorted sandy matrixes, clasts include sub-rounded-rounde light and pale grey aphyric and qtz-phc felsic volc clasts, some felds phc clasts, squashed qtz-felds phc pumice with sericitised matrix, py dissem and euhedral to 2mm (1%) and a zone of py-cb altered breccia with chl or similar dark alteration halo, iron carbonates(w-m)			
124.5	124.6	FALT	FALT																													normal fault sub parallel to core			
124.6	131.9	Cvsst	VSlst																												2A-3Br	fine-med-coarse sil(m) lapilli base cb spotty sst			
131.9	142.7	Cveb	VPLSst	Cb																											3Br	ms clast bearing lapilli lithic volc sst, sparse rndd pebbles, 140.85 - 3cm band of mssx			
142.7	143.4	FALT	FALT	Ser																											1Gr-Y	fault gouge			
143.4	147.2	Cveb	VPLSst	Cb																											3A	ms clast bearing lapilli lithic volc sst, sparse rndd pebbles			
147.2	175.7	Cve	VPLSst													P	w			patch	w-m										1Gr-Y-A	well sorted volc sst, sparse rndd pebbles, mostly qtz crystal rich bases and coarse sands, occasional sil volc cobbles and pebbles (rhyolite clasts), pumecious			
175.7	187.4	Cvc	VC	Cb																vn,P	m										A-Y-C	Volc congl, clast supported for first 2m and matrix supported thereafter. Possible downhole grading/facing indicated?, semi-perv cb-vnd(m/s) moderate intensity overall. Possible angular & rndd porphyry clasts toward end, qtz-felds phc clasts that are altered, possible pumices			
187.4	190.3	Cvc	VC	Si	SMS																										2A-C	fol(m; 342/75W) VSst, moderately sorted, dss py 0.5m bands 1% overall , SMS py over 5cm at 190m, ser perv(w) cb patchy (w), uphole contact gradational with sharpish down hole contact			
190.3	210.3	Cvc	VQFSst	Ser	Cb											P	w			P	w										1Gr-Y-C	narrow py vn's +/-Cb generally foliation sub parallel veinlets and stringer veinlets to 1mm, gal-sph ms clasts by 2, ser matrix, fol(m), py(0.5%), sparse pebbly lithics, patchy cb (w)			
210.3	211.9	Cvc	VC	Si	SMSX			bnd	7					P	m							vn	s							2A-3A	5 by 3-5cm bands SMS (70% py, mybe up to 30% sphal) in silicified volc congl			
211.9	258	Cvc	VC	Si																									W-M		1A-olive	Felsic volc conglomerate, with sandy matricx qtz(w)blue grey spots in felsic volc lithics (Pb carrying sil), fol (w), broken(w-m), vn sphal - gal(tr)			
258	284		VQSst	Si	Cb															vn,P											3A-4A	Qtz (m) Med-coarse sst, sil perv(m) vn sphal - gal(tr), patchy pseudo clastic carbonate alteration			
284	294		VSst	Si										sP	m/s					sP		vn	vw							3A	Laminated fine volc sst with occasional pumice clasts (2%), sil semi perv (m/s) Cb patchy (w) some chalcedonic silica (rare thin banding)			
EOH																																		

Drill Hole Down Hole Surveys

Hole_ID	Depth	Azimuth	Dip	Grid_azm	Type	Date
WWD003	0	90	-60	77	2	07-Jan-06
WWD003	30.1	93	-60	80	1	14-Jan-06
WWD003	61	95.5	-59	82.5	1	14-Jan-06
WWD003	90	90.5	-58	77.5	1	14-Jan-06
WWD003	120	87	-56	74	1	14-Jan-06
WWD003	150	80	-55	67	1	14-Jan-06
WWD003	180	76	-55	123	1	14-Jan-06
WWD003	210	72	-53.5	59	1	14-Jan-06
WWD003	240	76	-51.5	63	1	14-Jan-06
WWD003	270	78	-51	65	1	14-Jan-06

Hole_ID	At	Core angle (LCA)	Structure_type	Comments	Azimuth	Dip	Struc_ID
WWD003	2.1	20	vn	vuggy qtz-cb limonite vn			
WWD003	5.7	80	vn	weakly deformed quartz vein			
WWD003	10.3	50	vn	qtz-cb-gal vuggy vein moderately deformed			
WWD003	23	35	fol	allignment of sericitised minerals			
WWD003	19.8	5	vn	cream cb-py-qtz vein 1cm			
WWD003	20.3	20	vn	py veins diffuse edges 50%py and olive green mineral ser?			
WWD003	32.8	2	vn	qtz>cb>gal-py moderately deformed veins with weakly sil selvedge			
WWD003	33.5	20	vn	gal-chalco bearing qtz-cb vn			
WWD003	33.4	10	vn	gal-chalco bearing qtz-cb vn			
WWD003	69.3	60	s0	coarse-lappili contact			
WWD003	51	40	fol				
WWD003	51.2	40	vn	qt-cb-tr gal vn			
WWD003	85	50	fol	moderate foliation of lapilli lithics			
WWD003	94.9	20	vn	qtz-cb nv			
WWD003	107	45	fol	moderate foliation of lapilli lithics			
WWD003	111	40	vn	qtz vein undefofrmed			
WWD003	124.5	10	ft	fault-			
WWD003	136	65	s0	wavy erosional downhole grading			
WWD003	169.5	45	fol	mineral and clast allignment/flattening			
WWD003	189.7	65	s0?	coarse-med grained contact			
WWD003	189.8	60	s0?	coarse-med grained contact			
WWD003	192.5	50	fol	sericitic mineral foliation			
WWD003	205.3	50	fol	foliation and silica banding			
WWD003	217		sx bnd	1cm pyrite band massive			
WWD003	209.3	50	py vnlt	pyrite veinlet			
WWD003	204	50	py vnlt	pyrite veinlet			
WWD003	217.5	30	vn	qtz vein undefofrmed			
WWD003	221	40	vn	qtz vein undefofrmed			
WWD003	239.5	25	vn	qtz-cb nv			
WWD003	232.3	60	vn	qtz vein undefofrmed			
WWD003	253	2	vn	qtz-cb-gal (tr) vn			
WWD003	253.3	25	vn	crosscuts by 2 deg vn, qtz cb vn			
WWD003	268.8	40	vn	qtz-chl vn in opposite sense to fol			
WWD003	280.4	40	vn	milky qtz vein			
WWD003	281	80	vn	iron rich cb vein			
WWD003	284.3	70	s0?	silecious band			
WWD003	289.5	75	bnd	chalcedonic silica band/laminations			

TasGold Ltd

Drill Core Recovery & RQD Log

DrillHole	From	To	Interval	Measured	Recovery%	Lengths>10cm	RQD %	
WWD003	0	1.6	1.6	1.17	73.1	0.17	10.6	
WWD003	1.6	3.1	1.5	1.21	80.7	0.80	53.3	
WWD003	3.1	4.6	1.5	1.35	90.0	0.87	58.0	
WWD003	4.6	6.1	1.5	1.4	93.3	1.07	71.3	
WWD003	6.1	7.6	1.5	1.47	98.0	1.04	69.3	
WWD003	7.6	9.1	1.5	1.44	96.0	1.02	68.0	
WWD003	9.1	10.6	1.5	1.3	86.7	0.80	53.3	
WWD003	10.6	14.6	4	3.15	78.8	0.69	17.3	
WWD003	14.6	15.9	1.3	1.04	80.0	0.20	15.4	
WWD003	15.9	16.6	0.7	0.72	102.9	0.23	32.9	
WWD003	16.6	18	1.4	1.17	83.6	0.81	57.9	
WWD003	18	19.5	1.5	1.04	69.3	0.35	23.3	
WWD003	19.5	20.9	1.4	1.31	93.6	0.40	28.6	
WWD003	20.9	22.4	1.5	1.5	100.0	0.39	26.0	
WWD003	22.4	25.6	3.2	2.9	90.6	1.56	48.8	
WWD003	25.6	27.1	1.5	1.5	100.0	1.23	82.0	
WWD003	27.1	28.6	1.5	1.5	100.0	0.80	53.3	
WWD003	28.6	30.1	1.5	1.4	93.3	1.27	84.7	
WWD003	30.1	31.6	1.5	1.42	94.7	1.29	86.0	
WWD003	31.6	33.1	1.5	1.3	86.7	1.10	73.3	
WWD003	33.1	36.1	3	3	100.0	1.54	51.3	
WWD003	36.1	37.6	1.5	1.51	100.7	1.18	78.7	
WWD003	37.6	39.1	1.5	1.24	82.7	0.96	64.0	
WWD003	39.1	45	5.9	5.46	92.5	2.39	40.5	
WWD003	45	58.5	13.5	12.45	92.2	3.87	28.7	
WWD003	58.5	60	1.5	1.42	94.7	0.83	55.3	
WWD003	60	63	3	3.02	100.7	2.00	66.7	
WWD003	63	66	3	2.7	90.0	0.96	32.0	
WWD003	66	67.5	1.5	1.42	94.7	0.61	40.7	
WWD003	67.5	69	1.5	1.43	95.3	0.80	53.3	
WWD003	69	74.25	5.25	4.57	87.0	2.96	56.4	
WWD003	74.25	87.3	dropped	dropped	dropped	dropped	dropped	
WWD003	87.3	90	2.7	2.75	101.9	2.66	98.5	
WWD003	90	93	3	3	100.0	1.01	33.7	
WWD003	93	96	3	2.9	96.7	2.03	67.7	
WWD003	96	99	3	3.03	101.0	2.91	97.0	
WWD003	99	102	3	2.84	94.7	2.47	82.3	
WWD003	102	105	3	2.97	99.0	2.13	71.0	
WWD003	105	108	3	2.96	98.7	2.80	93.3	
WWD003	108	111	3	2.91	97.0	2.61	87.0	
WWD003	111	114	3	3.08	102.7	2.69	89.7	
WWD003	114	117	3	2.75	91.7	2.53	84.3	
WWD003	117	120	3	3.07	102.3	2.74	91.3	
WWD003	120	123	3	3.15	105.0	2.30	76.7	
WWD003	123	126	3	3.1	103.3	2.76	92.0	
WWD003	126	129	3	2.96	98.7	2.86	95.3	
WWD003	129	132	3	3	100.0	2.60	86.7	
WWD003	132	135	3	3	100.0	2.48	82.7	
WWD003	135	138	3	3.1	103.3	2.55	85.0	
WWD003	138	141	3	2.75	91.7	2.35	78.3	
WWD003	141	144	3	2.8	93.3	1.53	51.0	
WWD003	144	147	3	3	100.0	2.22	74.0	
WWD003	147	150	3	3	100.0	2.26	75.3	
WWD003	150	153	3	3.01	100.3	2.69	89.7	
WWD003	153	156	3	3	100.0	2.39	79.7	
WWD003	156	159	3	2.99	99.7	2.62	87.3	
WWD003	159	162	3	3.05	101.7	2.25	75.0	
WWD003	162	165	3	3	100.0	2.57	85.7	
WWD003	165	168	2.95	2.28	77.3	2.62	88.8	
WWD003	168	171	3	2.85	95.0	2.73	91.0	
WWD003	171	174	3	2.96	98.7	2.56	85.3	
WWD003	174	177	3	2.96	98.7	2.56	85.3	
WWD003	177	180	3	2.89	96.3	2.85	95.0	
WWD003	180	186	6	6	100.0	5.74	95.7	
WWD003	186	189	3	2.92	97.3	2.43	81.0	
WWD003	189	192	3	2.85	95.0	2.21	73.7	
WWD003	192	195	3	1.75	58.3	1.45	48.3	
WWD003	195	204	9	4.8	53.3	4.71	52.3	6m discrepency in core near here
WWD003	204	207	3	2.9	96.7	2.85	95.0	
WWD003	207	210	3	2.94	98.0	2.94	98.0	
WWD003	210	213	3	3	100.0	2.77	92.3	
WWD003	213	216	3	2.96	98.7	2.96	98.7	
WWD003	216	219	3	3	100.0	2.96	98.7	
WWD003	219	221.3	2.3	2.21	96.1	2.15	93.5	

WWD003	221.3	222	0.7	0.44	62.9	0.00	0.0	
WWD003	222	225	3	2.77	92.3	2.27	75.7	
WWD003	225	228	3	2.9	96.7	2.60	86.7	
WWD003	228	231	3	3.05	101.7	2.85	95.0	
WWD003	231	232.5	1.5	1.61	107.3	1.46	97.3	
WWD003	232.5	234.1	1.6	1.46	91.3	1.21	75.6	
WWD003	234.1	237	2.9	2.92	100.7	2.80	96.6	
WWD003	237	240	3	2.94	98.0	2.90	96.7	
WWD003	240	243	3	3.82	127.3	2.97	99.0	
WWD003	243	246	3	2.93	97.7	2.64	88.0	
WWD003	246	247.7	1.7	1.67	98.2	1.67	98.2	
WWD003	247.7	249	1.3	1.37	105.4	1.37	105.4	
WWD003	249	252	3	3.01	100.3	2.51	83.7	
WWD003	252	255	3	2.9	96.7	2.25	75.0	
WWD003	255	258	3	3	100.0	2.83	94.3	
WWD003	258	261	3	3.02	100.7	2.90	96.7	
WWD003	261	264	3	2.37	79.0	2.12	70.7	possibly dropped by helicopter
WWD003	264	267	3	3.15	105.0	3.15	105.0	
WWD003	267	270	3	2.98	99.3	2.98	99.3	
WWD003	270	273	3	3	100.0	2.72	90.7	
WWD003	273	276	3	2.94	98.0	2.72	90.7	
WWD003	276	282	6	5.45	90.8	5.21	86.8	
WWD003	282	285	3	3.49	116.3	3.14	104.7	
WWD003	285	288	3	2.93	97.7	2.67	89.0	
WWD003	288	291	3	2.94	98.0	2.94	98.0	
WWD003	291	294	3	2.94	98.0	2.65	88.3	
EOH								

Lith Code	Lith Code 2	Lithology	Lith_ID	Description	TG stratigraphic Assi
		Clastic			
Tg		Tetiary Gravel	62	Mostly rounded siliclastic and Quartz vein pebbles	
Sh		shale	1		Host Sequence and V
Lmst		limestone	2		Host Sequence
Mdst		mudstone	3		
Slst		siltstone	4		
Sst		sandstone	5		
SSst		siliciclastic sandstone	6		
Congl		conglomerate	7		
ESst		epiclastic sandstone	8		
Vmdst		volcaniclastic mudstone	9		
VSlst		felsic volcaniclastic siltstone	10		
VSst		felsic volcaniclastic sandstone	11		
VQXSst		felsic quartz-crystal-rich volcaniclastic sandstone	12	quartz >= moderate intensity	
VQFXSst		felsic quartz-feldspar-crystal-rich volcaniclastic sandstone	61		
VFQSst		feldspar-quartz-phyric felsic volcaniclastic sandstone	13	commonly chloritic and only we	CVC
VQFSst		quartz-feldspar-phyric felsic volcaniclastic sandstone	14	quartz >= moderate intensity	
VPSst		felsic pumiceous volcaniclastic sandstone	15		
VLSst		felsic lithic volcaniclastic sandstone	16		
VLLSst		felsic lapilli lithic volcaniclastic sandstone	17	open framwork	
VBLSst		felsic block lithic volcaniclastic sandstone	18	open framwork	
EOH		felsic quartz-crystal-rich lithic volcaniclastic sandstone	19		
		polymict carbonate clast-bearing volcaniclastic breccia	32	open framwork	Host Sequence
VMPB		polymict MS clast-bearing volcaniclastic breccia	33	open framwork	Host Sequence
VC		volcaniclastic conglomerate	34	near closed framework	
		Coherent Rocks			
LQR		quartz-phyric rhyolitic porphyry (/lava)	35		
LQFR		quartz-feldspar-phyric rhyolitic porphyry (/lava)	36		footwall
LQFBD		quartz-feldspar-biotite-phyric dacite porphyry (/lava)	37		footwall?
LQFHD		quartz-feldspar-hornblende-phyric dacite porphyry (/lava)	38	acid andesite / dacite	Host Sequence
LB		basalt	39	pepperitc bases, irregular flow t	Host Sequence
IB		dolerite	40		
IG		granite	41	intruding CVC	
		Undifferentiated			
UR		felsic volcanic (undiferentiated)	42		
URQQ		quartz-crystal-rich felsic volcanic (undiferentiated)	43	quartz >= moderate intensity	
URQ		quartz-phyric felsic volcanics	44		Tyndall Group
UFQR		feldspar-quartz-phyric felsic volcanics	45	commonly chloritic and only we	CVC
UQFR		quartz-feldspar-phyric felsic volcanics	46		
UB		mafic (undifferentiated)	47		
		Other			
FALT		fault	48		
		Mineralisation and Alteration			
QVN		quartz veining	49		
SQV		sulphide-bearing quartz vein	50		
MS		massive sulphide	51		Host Sequence
SMS		semi-massive sulphide	52		Host Sequence
DSS		disseminated sulphides	53		
Ch		chlorite	54		
Ser		sericite	55		
Si		silica - pervassive	56		
KSP		Pink Potasium feldspar (/Hm) alteration	57		
Fuc		Fuchsite	58		
Cb		Carbonate	59		
OX		Oxidised, including FeO	60		

ID	Geol Code	Text
1	Ocs	Ordovician Conglomerate
2	Os	Ordovician quartz sandstone
3	Osh	Ordovician Shale and siltstones (pyritic)
4	Ctvc	Volcaniclastic Conglomerate (Cambro-Ordovician?)
5	Ctvls	Lithic bearing quartz crystal-rich felsic volcaniclastic sandstone (often rounded)
6	Ctqvs	Quartz crystal-rich felsic volcaniclastic sandstone
7	Ccb	Basalt
8	Ccd	Dolerite
9	Csh	Shale
10	Cvl	Limestone
11	Cve	Epiclastic Sandstones
12	Cvslt	Felsic volcaniclastic siltstone
13	Cvst	Felsic quartz-phyric volcaniclastic sandstone
14	Cvls	Felsic quartz-phyric lithic volcaniclastic sandstone, undifferentiated
15	Cvb	Felsic volcaniclastic breccia, undifferentiated
16	Cveb	Polymict Lithic Volcaniclastic Sandstone and Breccia; commonly sulphide clast bearing
17	Cvebs	Polymict Lithic Volcaniclastic Sandstone, commonly sulphide clast bearing
18	Cvebb	Polymict Breccia, commonly sulphide clast bearing
19	Cflq	Quartz porphyritic lava
20	Cfl	Quartz-feldspar-(biotite) porphyritic lava
21	Cv	Felsic volcaniclastics, variably quartz and feldspar phyric / crystal bearing
22	Cu	Cambrian undifferentiated felsic volcanic

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Geology Log Codes

See Wart Hill Codes Tab for basic lithologies

Stratigraphic Codes	
Q	Quaternary Deposits
Tb	Tertiary Basalt
Ts	Tertiary sediments
Tg	Tertiary Gravels
Jdl	Jurassic Dolerite
Dg	Devonian granitoid
Se	Silurian Eldon Gp.
Sm	Silurian Mathinna beds, Sandstone/greywacke
Ss	Silurian Mathinna beds, Siltstone/shale
Ogl	Gordon Gp Lst
COu	Denison Gp. Upper Sandstone sequence inc. Pioneer Beds
Osh	Ordovician black shalesand siltstones. (pyritic)
Ocs	Denison Group, Ordovician Owen Conglomerate
Osi	Ordoviciansiliclastic sandstone. Denison group
Ovs	Cambro-Ordovician rhyolitic volcaniclastic sandstone (Waterloo Creek Group).
Ovc	Cambro-Ordovician rhyolitic volcaniclastic sandstone/breccia.
Ct	Tyndall Gp. and correlates
Ctc	Tyndall Gp. Volcaniclastics and sandstone (Zig Zag Hill Fm,)
Ct	Tyndall Gp. Comstock Fm
	Cambrian, siliclastic, micaceous sandstone.
Cc	Cambrian volcaniclastic/siliciclastic conglomerate
Cb	Cambrian Balsaltic Lava
Cbv	Cambrian Balsaltic Volcaniclastic
Cp	Cambrian, Porphyritic Intrusive.
Clv	Cambrian Lewis River Volcanics
Cwe	Cambrian Western Epiclastics
Cg	Cambrian granite
Cgma	Cambrian microgranite

update regionalk codes
from mapinfo legend

Rocktype	(Four letter Code, eg. VDLB = volcaniclastic dacitic lithic breccia)
Primary Rocktype Codes	
V	Volcaniclastic
I	Intrusive
L	Lava
E	Epiclastic
S	sediment
U	undifferentiated
Secondary Code	
R	Rhyolitic
D	Dacitic
A	Andesitic
B	Basaltic
U	Ultramafic
S	Siliciclastic
Composition Code	
Q	Quartz phyric
B	Breccia (>64mm)
P	Pumiceous
Other Codes	
VEIN	Vein
Vn	Vein
QZVN	Quartz vein
GWAC	Greywacke
SILT	Siltstone
SHAL	Black Shale
GRAN	Granite
GRAD	Granodiorite
LOSS	Core loss
CAVE	Cavity/Stope
SOIL	Soil

Alteration codes -Moina	
SILSERP	Silica-serpentinite alt
MSSX	Massive sulphide
SMSX	Semi-massive sulphide
ATRK	Altered rock
VATRK	Very altered rock
HORN	Hornfels
CLAY	Clay
CALS	Calc-silicate altered rock
SKRN	Skarn
SILI	Intensely silicified
Si	Silica alt
PSKRN	Pyroxene skarn
SXChl	Sulphide chlorite alt
QzBi	Quartz biotite alt
SXBi	Sulphide biotite alt
SiSX	Silica sulphide alt
OXSi	Oxidised and silicified
SMPY	Semimassive pyrite
PyFr	Py along fractures
Fluor	Fluorite
Greis	Greisenous
Rep	Replacement
	Retrograde
SemiP	Semi pervassive
Vnlets	Veinlets
Fr	Mineral along fractures
OP	Overprinting mineralisation
Retro	Retrograde mineralisation
Den	Dendritic
Structure Vein Codes	
ActVN	Actinolite Vein
BSULPVN	Base metal Sulphide vein

Colours	
Primary Colour Codes	
Br	Brown
A	Grey
N	Black
Y	Yellow
R	Red
Gr	Green
W	White
O	Orange
Br	Blue
P	Purple
C	Cream
Shade	
1	Pale
2	
3	
4	
5	Dark

Mineralisation/alteration Codes	
Mineral Type	
Py	Pyrite
Aspy	Arsenopyrite
Chl	Chlorite
Se	Sericite
Cb	Carbonate
Ga	Galena
Sp	Sphalerite
Cpy	Chalcopyrite
Ep	Epidote
Cd	Cordierite
Gt	Garnet
Mu	Muscovite
Bi	Biotite
Ma	Magnetite
He	Hematite
Si	Silicification
Qz	Quartz
Po	Pyrrhotite
Mineral style	
Tr	Trace
P	Pervasive
D	Disseminated
Vn	Vein
Sp	Spots and clots
Eu	Euhedral crystals
Sv	Selvedge
Amount %	
Tr	Trace
<	< 1%
1	1%
2	2%

Structure Code	
Face	Facing
Ft	Fault
Sh	shear
Vn	vein
Fo	Foliation
Fr	fracture
Jt	Joint
Bd	Bedding
Fold	Fold
con	contact
lay	layering
bnd	banding
Ln	Lineation
CATA	Cataclasite
Slck	Slickensides
Pu	Puggy seam
Cl	Cleavage
Texture Code	
Pe	Peperitic
Pi	Pillowed
Ph	Phaneritic

mineral style additions
add semi-pervassive, greis

Tr
0.5

change to absolute values